

Civil Construction

LIGO Technical Foundation Analyses

Appendix D -- Computer Results For HVAC Equipment Vibration

December 4, 1995

LIGO

Laser Interferometer Gravitational-Wave Observatory

California Institute of Technology

The Ralph M. Parsons Company

Contract Number: PP150969

LIGO Document

LIGO-0951297-00-DD

Parsons-LIGO



Laser Interferometer Gravitational-Wave Observatory

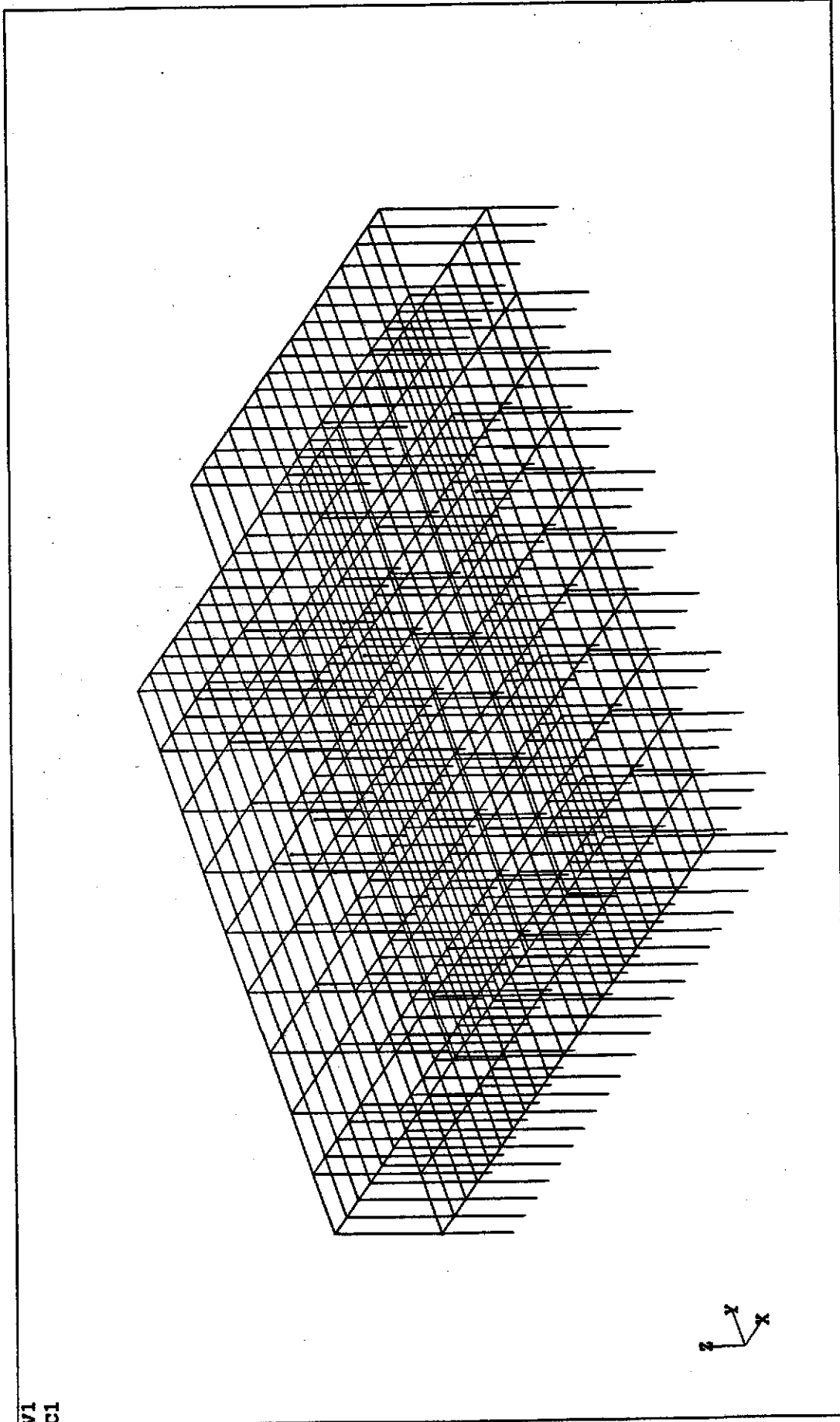
Appendix D

Computer Results For HVAC Equipment Vibrations

- HVAC Vibration Model -- LVEA
- HVAC Vibration Model -- VEA

HVAC VIBRATION MODEL

(FILE: HV01.SDN)



V1
C1

(FILE: HV01.SDN)

START 386.4

C:\STARDYNE\HV01.MOD

Fri Sep 22 16:48:47 1995

MATLG,1,MATL 1 - G,1000.,0.4,0.,0.,
MATLG,2,MATL 2 - G,7242.,0.4,0.,0.,
MATLG,3,MATL 1 - G,3600001.,0.15,0.089104,0.,
MATLG,4,MATL 2 - G,3600001.,0.15,0.089104,0.,
MATLG,5,MATL 3 - G,3600001.,0.15,0.089104,0.,

END

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NODE,	2,	24.,	0.,	0.
NODE,	3,	48.,	0.,	0.
NODE,	4,	72.,	0.,	0.
NODE,	5,	96.,	0.,	0.
NODE,	6,	120.,	0.,	0.
NODE,	7,	144.,	0.,	0.
NODE,	8,	168.,	0.,	0.
NODE,	9,	192.,	0.,	0.
NODE,	10,	216.,	0.,	0.
NODE,	11,	246.,	0.,	0.
NODE,	12,	276.,	0.,	0.
NODE,	13,	300.,	0.,	0.
NODE,	14,	324.,	0.,	0.
NODE,	15,	348.,	0.,	0.
NODE,	16,	372.,	0.,	0.
NODE,	17,	396.,	0.,	0.
NODE,	18,	420.,	0.,	0.
NODE,	19,	444.,	0.,	0.
NODE,	20,	474.,	0.,	0.
NODE,	21,	504.,	0.,	0.
NODE,	22,	528.,	0.,	0.
NODE,	23,	552.,	0.,	0.
NODE,	24,	0.,	60.,	0.
NODE,	25,	24.,	60.,	0.
NODE,	26,	48.,	60.,	0.
NODE,	27,	72.,	60.,	0.
NODE,	28,	96.,	60.,	0.
NODE,	29,	120.,	60.,	0.
NODE,	30,	144.,	60.,	0.
NODE,	31,	168.,	60.,	0.
NODE,	32,	192.,	60.,	0.
NODE,	33,	216.,	60.,	0.
NODE,	34,	246.,	60.,	0.
NODE,	35,	276.,	60.,	0.
NODE,	36,	300.,	60.,	0.
NODE,	37,	324.,	60.,	0.
NODE,	38,	348.,	60.,	0.
NODE,	39,	372.,	60.,	0.
NODE,	40,	396.,	60.,	0.
NODE,	41,	420.,	60.,	0.
NODE,	42,	444.,	60.,	0.
NODE,	43,	474.,	60.,	0.
NODE,	44,	504.,	60.,	0.
NODE,	45,	528.,	60.,	0.
NODE,	46,	552.,	60.,	0.

NODE,	47,	0.,	120.,	0.
NODE,	48,	24.,	120.,	0.
NODE,	49,	48.,	120.,	0.
NODE,	50,	72.,	120.,	0.
NODE,	51,	96.,	120.,	0.
NODE,	52,	120.,	120.,	0.
NODE,	53,	144.,	120.,	0.
NODE,	54,	168.,	120.,	0.
NODE,	55,	192.,	120.,	0.
NODE,	56,	216.,	120.,	0.
NODE,	57,	246.,	120.,	0.
NODE,	58,	276.,	120.,	0.
NODE,	59,	300.,	120.,	0.
NODE,	60,	324.,	120.,	0.
NODE,	61,	348.,	120.,	0.
NODE,	62,	372.,	120.,	0.
NODE,	63,	396.,	120.,	0.
NODE,	64,	420.,	120.,	0.
NODE,	65,	444.,	120.,	0.
NODE,	66,	474.,	120.,	0.
NODE,	67,	504.,	120.,	0.
NODE,	68,	528.,	120.,	0.
NODE,	69,	552.,	120.,	0.
NODE,	70,	0.,	180.,	0.
NODE,	71,	24.,	180.,	0.
NODE,	72,	48.,	180.,	0.
NODE,	73,	72.,	180.,	0.
NODE,	74,	96.,	180.,	0.
NODE,	75,	120.,	180.,	0.
NODE,	76,	144.,	180.,	0.
NODE,	77,	168.,	180.,	0.
NODE,	78,	192.,	180.,	0.
NODE,	79,	216.,	180.,	0.
NODE,	80,	246.,	180.,	0.
NODE,	81,	276.,	180.,	0.
NODE,	82,	300.,	180.,	0.
NODE,	83,	324.,	180.,	0.
NODE,	84,	348.,	180.,	0.
NODE,	85,	372.,	180.,	0.
NODE,	86,	396.,	180.,	0.
NODE,	87,	420.,	180.,	0.
NODE,	88,	444.,	180.,	0.
NODE,	89,	474.,	180.,	0.
NODE,	90,	504.,	180.,	0.
NODE,	91,	528.,	180.,	0.
NODE,	92,	552.,	180.,	0.
NODE,	93,	0.,	240.,	0.
NODE,	94,	24.,	240.,	0.
NODE,	95,	48.,	240.,	0.
NODE,	96,	72.,	240.,	0.
NODE,	97,	96.,	240.,	0.
NODE,	98,	120.,	240.,	0.
NODE,	99,	144.,	240.,	0.
NODE,	100,	168.,	240.,	0.

NODE,	101,	192.,	240.,	0.
NODE,	102,	216.,	240.,	0.
NODE,	103,	246.,	240.,	0.
NODE,	104,	276.,	240.,	0.
NODE,	105,	300.,	240.,	0.
NODE,	106,	324.,	240.,	0.
NODE,	107,	348.,	240.,	0.
NODE,	108,	372.,	240.,	0.
NODE,	109,	396.,	240.,	0.
NODE,	110,	420.,	240.,	0.
NODE,	111,	444.,	240.,	0.
NODE,	112,	474.,	240.,	0.
NODE,	113,	504.,	240.,	0.
NODE,	114,	528.,	240.,	0.
NODE,	115,	552.,	240.,	0.
NODE,	116,	0.,	300.,	0.
NODE,	117,	24.,	300.,	0.
NODE,	118,	48.,	300.,	0.
NODE,	119,	72.,	300.,	0.
NODE,	120,	96.,	300.,	0.
NODE,	121,	120.,	300.,	0.
NODE,	122,	144.,	300.,	0.
NODE,	123,	168.,	300.,	0.
NODE,	124,	192.,	300.,	0.
NODE,	125,	216.,	300.,	0.
NODE,	126,	246.,	300.,	0.
NODE,	127,	276.,	300.,	0.
NODE,	128,	300.,	300.,	0.
NODE,	129,	324.,	300.,	0.
NODE,	130,	348.,	300.,	0.
NODE,	131,	372.,	300.,	0.
NODE,	132,	396.,	300.,	0.
NODE,	133,	420.,	300.,	0.
NODE,	134,	444.,	300.,	0.
NODE,	135,	474.,	300.,	0.
NODE,	136,	504.,	300.,	0.
NODE,	137,	528.,	300.,	0.
NODE,	138,	552.,	300.,	0.
NODE,	139,	0.,	360.,	0.
NODE,	140,	24.,	360.,	0.
NODE,	141,	48.,	360.,	0.
NODE,	142,	72.,	360.,	0.
NODE,	143,	96.,	360.,	0.
NODE,	144,	120.,	360.,	0.
NODE,	145,	144.,	360.,	0.
NODE,	146,	168.,	360.,	0.
NODE,	147,	192.,	360.,	0.
NODE,	148,	216.,	360.,	0.
NODE,	149,	246.,	360.,	0.
NODE,	150,	276.,	360.,	0.
NODE,	151,	300.,	360.,	0.
NODE,	152,	324.,	360.,	0.
NODE,	153,	348.,	360.,	0.
NODE,	154,	372.,	360.,	0.

NODE,	155,	396.,	360.,	0.
NODE,	156,	420.,	360.,	0.
NODE,	157,	444.,	360.,	0.
NODE,	158,	474.,	360.,	0.
NODE,	159,	504.,	360.,	0.
NODE,	160,	528.,	360.,	0.
NODE,	161,	552.,	360.,	0.
NODE,	162,	0.,	420.,	0.
NODE,	163,	24.,	420.,	0.
NODE,	164,	48.,	420.,	0.
NODE,	165,	72.,	420.,	0.
NODE,	166,	96.,	420.,	0.
NODE,	167,	120.,	420.,	0.
NODE,	168,	144.,	420.,	0.
NODE,	169,	168.,	420.,	0.
NODE,	170,	192.,	420.,	0.
NODE,	171,	216.,	420.,	0.
NODE,	172,	246.,	420.,	0.
NODE,	173,	276.,	420.,	0.
NODE,	174,	300.,	420.,	0.
NODE,	175,	324.,	420.,	0.
NODE,	176,	348.,	420.,	0.
NODE,	177,	372.,	420.,	0.
NODE,	178,	396.,	420.,	0.
NODE,	179,	420.,	420.,	0.
NODE,	180,	444.,	420.,	0.
NODE,	181,	474.,	420.,	0.
NODE,	182,	504.,	420.,	0.
NODE,	183,	528.,	420.,	0.
NODE,	184,	552.,	420.,	0.
NODE,	185,	0.,	480.,	0.
NODE,	186,	24.,	480.,	0.
NODE,	187,	48.,	480.,	0.
NODE,	188,	72.,	480.,	0.
NODE,	189,	96.,	480.,	0.
NODE,	190,	120.,	480.,	0.
NODE,	191,	144.,	480.,	0.
NODE,	192,	168.,	480.,	0.
NODE,	193,	192.,	480.,	0.
NODE,	194,	216.,	480.,	0.
NODE,	195,	246.,	480.,	0.
NODE,	196,	276.,	480.,	0.
NODE,	197,	300.,	480.,	0.
NODE,	198,	324.,	480.,	0.
NODE,	199,	348.,	480.,	0.
NODE,	200,	372.,	480.,	0.
NODE,	201,	396.,	480.,	0.
NODE,	202,	420.,	480.,	0.
NODE,	203,	444.,	480.,	0.
NODE,	204,	474.,	480.,	0.
NODE,	205,	504.,	480.,	0.
NODE,	206,	528.,	480.,	0.
NODE,	207,	552.,	480.,	0.
NODE,	208,	0.,	540.,	0.

NODE, 209,	24.,	540.,	0.
NODE, 210,	48.,	540.,	0.
NODE, 211,	72.,	540.,	0.
NODE, 212,	96.,	540.,	0.
NODE, 213,	120.,	540.,	0.
NODE, 214,	144.,	540.,	0.
NODE, 215,	168.,	540.,	0.
NODE, 216,	192.,	540.,	0.
NODE, 217,	216.,	540.,	0.
NODE, 218,	246.,	540.,	0.
NODE, 219,	276.,	540.,	0.
NODE, 220,	300.,	540.,	0.
NODE, 221,	324.,	540.,	0.
NODE, 222,	348.,	540.,	0.
NODE, 223,	372.,	540.,	0.
NODE, 224,	396.,	540.,	0.
NODE, 225,	420.,	540.,	0.
NODE, 226,	444.,	540.,	0.
NODE, 227,	474.,	540.,	0.
NODE, 228,	504.,	540.,	0.
NODE, 229,	528.,	540.,	0.
NODE, 230,	552.,	540.,	0.
NODE, 231,	168.,	624.,	0.
NODE, 232,	192.,	624.,	0.
NODE, 233,	216.,	624.,	0.
NODE, 234,	246.,	624.,	0.
NODE, 235,	276.,	624.,	0.
NODE, 236,	300.,	624.,	0.
NODE, 237,	324.,	624.,	0.
NODE, 238,	348.,	624.,	0.
NODE, 239,	372.,	624.,	0.
NODE, 240,	396.,	624.,	0.
NODE, 241,	420.,	624.,	0.
NODE, 242,	444.,	624.,	0.
NODE, 243,	474.,	624.,	0.
NODE, 244,	504.,	624.,	0.
NODE, 245,	528.,	624.,	0.
NODE, 246,	552.,	624.,	0.
NODE, 247,	0.,	0.,	102.
NODE, 248,	24.,	0.,	102.
NODE, 249,	48.,	0.,	102.
NODE, 250,	72.,	0.,	102.
NODE, 251,	96.,	0.,	102.
NODE, 252,	120.,	0.,	102.
NODE, 253,	144.,	0.,	102.
NODE, 254,	168.,	0.,	102.
NODE, 255,	192.,	0.,	102.
NODE, 256,	216.,	0.,	102.
NODE, 257,	246.,	0.,	102.
NODE, 258,	276.,	0.,	102.
NODE, 259,	300.,	0.,	102.
NODE, 260,	324.,	0.,	102.
NODE, 261,	348.,	0.,	102.
NODE, 262,	372.,	0.,	102.

NODE,	263,	396.,	0.,	102.
NODE,	264,	420.,	0.,	102.
NODE,	265,	444.,	0.,	102.
NODE,	266,	474.,	0.,	102.
NODE,	267,	504.,	0.,	102.
NODE,	268,	528.,	0.,	102.
NODE,	269,	552.,	0.,	102.
NODE,	270,	0.,	60.,	102.
NODE,	271,	24.,	60.,	102.
NODE,	272,	48.,	60.,	102.
NODE,	273,	72.,	60.,	102.
NODE,	274,	96.,	60.,	102.
NODE,	275,	120.,	60.,	102.
NODE,	276,	144.,	60.,	102.
NODE,	277,	168.,	60.,	102.
NODE,	278,	192.,	60.,	102.
NODE,	279,	216.,	60.,	102.
NODE,	280,	246.,	60.,	102.
NODE,	281,	276.,	60.,	102.
NODE,	282,	300.,	60.,	102.
NODE,	283,	324.,	60.,	102.
NODE,	284,	348.,	60.,	102.
NODE,	285,	372.,	60.,	102.
NODE,	286,	396.,	60.,	102.
NODE,	287,	420.,	60.,	102.
NODE,	288,	444.,	60.,	102.
NODE,	289,	474.,	60.,	102.
NODE,	290,	504.,	60.,	102.
NODE,	291,	528.,	60.,	102.
NODE,	292,	552.,	60.,	102.
NODE,	293,	0.,	120.,	102.
NODE,	294,	24.,	120.,	102.
NODE,	295,	48.,	120.,	102.
NODE,	296,	72.,	120.,	102.
NODE,	297,	96.,	120.,	102.
NODE,	298,	120.,	120.,	102.
NODE,	299,	144.,	120.,	102.
NODE,	300,	168.,	120.,	102.
NODE,	301,	192.,	120.,	102.
NODE,	302,	216.,	120.,	102.
NODE,	303,	246.,	120.,	102.
NODE,	304,	276.,	120.,	102.
NODE,	305,	300.,	120.,	102.
NODE,	306,	324.,	120.,	102.
NODE,	307,	348.,	120.,	102.
NODE,	308,	372.,	120.,	102.
NODE,	309,	396.,	120.,	102.
NODE,	310,	420.,	120.,	102.
NODE,	311,	444.,	120.,	102.
NODE,	312,	474.,	120.,	102.
NODE,	313,	504.,	120.,	102.
NODE,	314,	528.,	120.,	102.
NODE,	315,	552.,	120.,	102.
NODE,	316,	0.,	180.,	102.

NODE, 317,	24.,	180.,	102.
NODE, 318,	48.,	180.,	102.
NODE, 319,	72.,	180.,	102.
NODE, 320,	96.,	180.,	102.
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NODE, 322,	144.,	180.,	102.
NODE, 323,	168.,	180.,	102.
NODE, 324,	192.,	180.,	102.
NODE, 325,	216.,	180.,	102.
NODE, 326,	246.,	180.,	102.
NODE, 327,	276.,	180.,	102.
NODE, 328,	300.,	180.,	102.
NODE, 329,	324.,	180.,	102.
NODE, 330,	348.,	180.,	102.
NODE, 331,	372.,	180.,	102.
NODE, 332,	396.,	180.,	102.
NODE, 333,	420.,	180.,	102.
NODE, 334,	444.,	180.,	102.
NODE, 335,	474.,	180.,	102.
NODE, 336,	504.,	180.,	102.
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NODE, 338,	552.,	180.,	102.
NODE, 339,	0.,	240.,	102.
NODE, 340,	24.,	240.,	102.
NODE, 341,	48.,	240.,	102.
NODE, 342,	72.,	240.,	102.
NODE, 343,	96.,	240.,	102.
NODE, 344,	120.,	240.,	102.
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NODE, 347,	192.,	240.,	102.
NODE, 348,	216.,	240.,	102.
NODE, 349,	246.,	240.,	102.
NODE, 350,	276.,	240.,	102.
NODE, 351,	300.,	240.,	102.
NODE, 352,	324.,	240.,	102.
NODE, 353,	348.,	240.,	102.
NODE, 354,	372.,	240.,	102.
NODE, 355,	396.,	240.,	102.
NODE, 356,	420.,	240.,	102.
NODE, 357,	444.,	240.,	102.
NODE, 358,	474.,	240.,	102.
NODE, 359,	504.,	240.,	102.
NODE, 360,	528.,	240.,	102.
NODE, 361,	552.,	240.,	102.
NODE, 362,	0.,	300.,	102.
NODE, 363,	24.,	300.,	102.
NODE, 364,	48.,	300.,	102.
NODE, 365,	72.,	300.,	102.
NODE, 366,	96.,	300.,	102.
NODE, 367,	120.,	300.,	102.
NODE, 368,	144.,	300.,	102.
NODE, 369,	168.,	300.,	102.
NODE, 370,	192.,	300.,	102.

NODE,	371,	216.,	300.,	102.
NODE,	372,	246.,	300.,	102.
NODE,	373,	276.,	300.,	102.
NODE,	374,	300.,	300.,	102.
NODE,	375,	324.,	300.,	102.
NODE,	376,	348.,	300.,	102.
NODE,	377,	372.,	300.,	102.
NODE,	378,	396.,	300.,	102.
NODE,	379,	420.,	300.,	102.
NODE,	380,	444.,	300.,	102.
NODE,	381,	474.,	300.,	102.
NODE,	382,	504.,	300.,	102.
NODE,	383,	528.,	300.,	102.
NODE,	384,	552.,	300.,	102.
NODE,	385,	0.,	360.,	102.
NODE,	386,	24.,	360.,	102.
NODE,	387,	48.,	360.,	102.
NODE,	388,	72.,	360.,	102.
NODE,	389,	96.,	360.,	102.
NODE,	390,	120.,	360.,	102.
NODE,	391,	144.,	360.,	102.
NODE,	392,	168.,	360.,	102.
NODE,	393,	192.,	360.,	102.
NODE,	394,	216.,	360.,	102.
NODE,	395,	246.,	360.,	102.
NODE,	396,	276.,	360.,	102.
NODE,	397,	300.,	360.,	102.
NODE,	398,	324.,	360.,	102.
NODE,	399,	348.,	360.,	102.
NODE,	400,	372.,	360.,	102.
NODE,	401,	396.,	360.,	102.
NODE,	402,	420.,	360.,	102.
NODE,	403,	444.,	360.,	102.
NODE,	404,	474.,	360.,	102.
NODE,	405,	504.,	360.,	102.
NODE,	406,	528.,	360.,	102.
NODE,	407,	552.,	360.,	102.
NODE,	408,	0.,	420.,	102.
NODE,	409,	24.,	420.,	102.
NODE,	410,	48.,	420.,	102.
NODE,	411,	72.,	420.,	102.
NODE,	412,	96.,	420.,	102.
NODE,	413,	120.,	420.,	102.
NODE,	414,	144.,	420.,	102.
NODE,	415,	168.,	420.,	102.
NODE,	416,	192.,	420.,	102.
NODE,	417,	216.,	420.,	102.
NODE,	418,	246.,	420.,	102.
NODE,	419,	276.,	420.,	102.
NODE,	420,	300.,	420.,	102.
NODE,	421,	324.,	420.,	102.
NODE,	422,	348.,	420.,	102.
NODE,	423,	372.,	420.,	102.
NODE,	424,	396.,	420.,	102.

NODE,	425,	420.,	420.,	102.
NODE,	426,	444.,	420.,	102.
NODE,	427,	474.,	420.,	102.
NODE,	428,	504.,	420.,	102.
NODE,	429,	528.,	420.,	102.
NODE,	430,	552.,	420.,	102.
NODE,	431,	0.,	480.,	102.
NODE,	432,	24.,	480.,	102.
NODE,	433,	48.,	480.,	102.
NODE,	434,	72.,	480.,	102.
NODE,	435,	96.,	480.,	102.
NODE,	436,	120.,	480.,	102.
NODE,	437,	144.,	480.,	102.
NODE,	438,	168.,	480.,	102.
NODE,	439,	192.,	480.,	102.
NODE,	440,	216.,	480.,	102.
NODE,	441,	246.,	480.,	102.
NODE,	442,	276.,	480.,	102.
NODE,	443,	300.,	480.,	102.
NODE,	444,	324.,	480.,	102.
NODE,	445,	348.,	480.,	102.
NODE,	446,	372.,	480.,	102.
NODE,	447,	396.,	480.,	102.
NODE,	448,	420.,	480.,	102.
NODE,	449,	444.,	480.,	102.
NODE,	450,	474.,	480.,	102.
NODE,	451,	504.,	480.,	102.
NODE,	452,	528.,	480.,	102.
NODE,	453,	552.,	480.,	102.
NODE,	454,	0.,	540.,	102.
NODE,	455,	24.,	540.,	102.
NODE,	456,	48.,	540.,	102.
NODE,	457,	72.,	540.,	102.
NODE,	458,	96.,	540.,	102.
NODE,	459,	120.,	540.,	102.
NODE,	460,	144.,	540.,	102.
NODE,	461,	168.,	540.,	102.
NODE,	462,	192.,	540.,	102.
NODE,	463,	216.,	540.,	102.
NODE,	464,	246.,	540.,	102.
NODE,	465,	276.,	540.,	102.
NODE,	466,	300.,	540.,	102.
NODE,	467,	324.,	540.,	102.
NODE,	468,	348.,	540.,	102.
NODE,	469,	372.,	540.,	102.
NODE,	470,	396.,	540.,	102.
NODE,	471,	420.,	540.,	102.
NODE,	472,	444.,	540.,	102.
NODE,	473,	474.,	540.,	102.
NODE,	474,	504.,	540.,	102.
NODE,	475,	528.,	540.,	102.
NODE,	476,	552.,	540.,	102.
NODE,	477,	168.,	624.,	102.
NODE,	478,	192.,	624.,	102.

NODE,	479,	216.,	624.,	102.
NODE,	480,	246.,	624.,	102.
NODE,	481,	276.,	624.,	102.
NODE,	482,	300.,	624.,	102.
NODE,	483,	324.,	624.,	102.
NODE,	484,	348.,	624.,	102.
NODE,	485,	372.,	624.,	102.
NODE,	486,	396.,	624.,	102.
NODE,	487,	420.,	624.,	102.
NODE,	488,	444.,	624.,	102.
NODE,	489,	474.,	624.,	102.
NODE,	490,	504.,	624.,	102.
NODE,	491,	528.,	624.,	102.
NODE,	492,	552.,	624.,	102.
NODE,	493,	24.,	360.,	30.
NODE,	494,	72.,	360.,	30.
NODE,	495,	216.,	420.,	30.
NODE,	496,	276.,	420.,	30.
NODE,	497,	444.,	420.,	30.
NODE,	498,	504.,	420.,	30.
NODE,	499,	348.,	360.,	132.
NODE,	500,	0.,	0.,	-68.
NODE,	501,	24.,	0.,	-68.
NODE,	502,	48.,	0.,	-68.
NODE,	503,	72.,	0.,	-68.
NODE,	504,	96.,	0.,	-68.
NODE,	505,	120.,	0.,	-68.
NODE,	506,	144.,	0.,	-68.
NODE,	507,	168.,	0.,	-68.
NODE,	508,	192.,	0.,	-68.
NODE,	509,	216.,	0.,	-68.
NODE,	510,	246.,	0.,	-68.
NODE,	511,	276.,	0.,	-68.
NODE,	512,	300.,	0.,	-68.
NODE,	513,	324.,	0.,	-68.
NODE,	514,	348.,	0.,	-68.
NODE,	515,	372.,	0.,	-68.
NODE,	516,	396.,	0.,	-68.
NODE,	517,	420.,	0.,	-68.
NODE,	518,	444.,	0.,	-68.
NODE,	519,	474.,	0.,	-68.
NODE,	520,	504.,	0.,	-68.
NODE,	521,	528.,	0.,	-68.
NODE,	522,	552.,	0.,	-68.
NODE,	523,	0.,	60.,	-68.
NODE,	524,	24.,	60.,	-68.
NODE,	525,	48.,	60.,	-68.
NODE,	526,	72.,	60.,	-68.
NODE,	527,	96.,	60.,	-68.
NODE,	528,	120.,	60.,	-68.
NODE,	529,	144.,	60.,	-68.
NODE,	530,	168.,	60.,	-68.
NODE,	531,	192.,	60.,	-68.
NODE,	532,	216.,	60.,	-68.

NODE,	533,	246.,	60.,	-68.
NODE,	534,	276.,	60.,	-68.
NODE,	535,	300.,	60.,	-68.
NODE,	536,	324.,	60.,	-68.
NODE,	537,	348.,	60.,	-68.
NODE,	538,	372.,	60.,	-68.
NODE,	539,	396.,	60.,	-68.
NODE,	540,	420.,	60.,	-68.
NODE,	541,	444.,	60.,	-68.
NODE,	542,	474.,	60.,	-68.
NODE,	543,	504.,	60.,	-68.
NODE,	544,	528.,	60.,	-68.
NODE,	545,	552.,	60.,	-68.
NODE,	546,	0.,	120.,	-68.
NODE,	547,	24.,	120.,	-68.
NODE,	548,	48.,	120.,	-68.
NODE,	549,	72.,	120.,	-68.
NODE,	550,	96.,	120.,	-68.
NODE,	551,	120.,	120.,	-68.
NODE,	552,	144.,	120.,	-68.
NODE,	553,	168.,	120.,	-68.
NODE,	554,	192.,	120.,	-68.
NODE,	555,	216.,	120.,	-68.
NODE,	556,	246.,	120.,	-68.
NODE,	557,	276.,	120.,	-68.
NODE,	558,	300.,	120.,	-68.
NODE,	559,	324.,	120.,	-68.
NODE,	560,	348.,	120.,	-68.
NODE,	561,	372.,	120.,	-68.
NODE,	562,	396.,	120.,	-68.
NODE,	563,	420.,	120.,	-68.
NODE,	564,	444.,	120.,	-68.
NODE,	565,	474.,	120.,	-68.
NODE,	566,	504.,	120.,	-68.
NODE,	567,	528.,	120.,	-68.
NODE,	568,	552.,	120.,	-68.
NODE,	569,	0.,	180.,	-68.
NODE,	570,	24.,	180.,	-68.
NODE,	571,	48.,	180.,	-68.
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NODE,	575,	144.,	180.,	-68.
NODE,	576,	168.,	180.,	-68.
NODE,	577,	192.,	180.,	-68.
NODE,	578,	216.,	180.,	-68.
NODE,	579,	246.,	180.,	-68.
NODE,	580,	276.,	180.,	-68.
NODE,	581,	300.,	180.,	-68.
NODE,	582,	324.,	180.,	-68.
NODE,	583,	348.,	180.,	-68.
NODE,	584,	372.,	180.,	-68.
NODE,	585,	396.,	180.,	-68.
NODE,	586,	420.,	180.,	-68.

NODE,	587,	444.,	180.,	-68.
NODE,	588,	474.,	180.,	-68.
NODE,	589,	504.,	180.,	-68.
NODE,	590,	528.,	180.,	-68.
NODE,	591,	552.,	180.,	-68.
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NODE,	593,	24.,	240.,	-68.
NODE,	594,	48.,	240.,	-68.
NODE,	595,	72.,	240.,	-68.
NODE,	596,	96.,	240.,	-68.
NODE,	597,	120.,	240.,	-68.
NODE,	598,	144.,	240.,	-68.
NODE,	599,	168.,	240.,	-68.
NODE,	600,	192.,	240.,	-68.
NODE,	601,	216.,	240.,	-68.
NODE,	602,	246.,	240.,	-68.
NODE,	603,	276.,	240.,	-68.
NODE,	604,	300.,	240.,	-68.
NODE,	605,	324.,	240.,	-68.
NODE,	606,	348.,	240.,	-68.
NODE,	607,	372.,	240.,	-68.
NODE,	608,	396.,	240.,	-68.
NODE,	609,	420.,	240.,	-68.
NODE,	610,	444.,	240.,	-68.
NODE,	611,	474.,	240.,	-68.
NODE,	612,	504.,	240.,	-68.
NODE,	613,	528.,	240.,	-68.
NODE,	614,	552.,	240.,	-68.
NODE,	615,	0.,	300.,	-68.
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NODE,	617,	48.,	300.,	-68.
NODE,	618,	72.,	300.,	-68.
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NODE,	620,	120.,	300.,	-68.
NODE,	621,	144.,	300.,	-68.
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NODE,	624,	216.,	300.,	-68.
NODE,	625,	246.,	300.,	-68.
NODE,	626,	276.,	300.,	-68.
NODE,	627,	300.,	300.,	-68.
NODE,	628,	324.,	300.,	-68.
NODE,	629,	348.,	300.,	-68.
NODE,	630,	372.,	300.,	-68.
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NODE,	637,	552.,	300.,	-68.
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NODE,	640,	48.,	360.,	-68.

NODE,	641,	72.,	360.,	-68.
NODE,	642,	96.,	360.,	-68.
NODE,	643,	120.,	360.,	-68.
NODE,	644,	144.,	360.,	-68.
NODE,	645,	168.,	360.,	-68.
NODE,	646,	192.,	360.,	-68.
NODE,	647,	216.,	360.,	-68.
NODE,	648,	246.,	360.,	-68.
NODE,	649,	276.,	360.,	-68.
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NODE,	651,	324.,	360.,	-68.
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NODE,	653,	372.,	360.,	-68.
NODE,	654,	396.,	360.,	-68.
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NODE,	656,	444.,	360.,	-68.
NODE,	657,	474.,	360.,	-68.
NODE,	658,	504.,	360.,	-68.
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NODE,	660,	552.,	360.,	-68.
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NODE,	664,	72.,	420.,	-68.
NODE,	665,	96.,	420.,	-68.
NODE,	666,	120.,	420.,	-68.
NODE,	667,	144.,	420.,	-68.
NODE,	668,	168.,	420.,	-68.
NODE,	669,	192.,	420.,	-68.
NODE,	670,	216.,	420.,	-68.
NODE,	671,	246.,	420.,	-68.
NODE,	672,	276.,	420.,	-68.
NODE,	673,	300.,	420.,	-68.
NODE,	674,	324.,	420.,	-68.
NODE,	675,	348.,	420.,	-68.
NODE,	676,	372.,	420.,	-68.
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NODE,	679,	444.,	420.,	-68.
NODE,	680,	474.,	420.,	-68.
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NODE,	686,	48.,	480.,	-68.
NODE,	687,	72.,	480.,	-68.
NODE,	688,	96.,	480.,	-68.
NODE,	689,	120.,	480.,	-68.
NODE,	690,	144.,	480.,	-68.
NODE,	691,	168.,	480.,	-68.
NODE,	692,	192.,	480.,	-68.
NODE,	693,	216.,	480.,	-68.
NODE,	694,	246.,	480.,	-68.

NODE,	695,	276.,	480.,	-68.
NODE,	696,	300.,	480.,	-68.
NODE,	697,	324.,	480.,	-68.
NODE,	698,	348.,	480.,	-68.
NODE,	699,	372.,	480.,	-68.
NODE,	700,	396.,	480.,	-68.
NODE,	701,	420.,	480.,	-68.
NODE,	702,	444.,	480.,	-68.
NODE,	703,	474.,	480.,	-68.
NODE,	704,	504.,	480.,	-68.
NODE,	705,	528.,	480.,	-68.
NODE,	706,	552.,	480.,	-68.
NODE,	707,	0.,	540.,	-68.
NODE,	708,	24.,	540.,	-68.
NODE,	709,	48.,	540.,	-68.
NODE,	710,	72.,	540.,	-68.
NODE,	711,	96.,	540.,	-68.
NODE,	712,	120.,	540.,	-68.
NODE,	713,	144.,	540.,	-68.
NODE,	714,	168.,	540.,	-68.
NODE,	715,	192.,	540.,	-68.
NODE,	716,	216.,	540.,	-68.
NODE,	717,	246.,	540.,	-68.
NODE,	718,	276.,	540.,	-68.
NODE,	719,	300.,	540.,	-68.
NODE,	720,	324.,	540.,	-68.
NODE,	721,	348.,	540.,	-68.
NODE,	722,	372.,	540.,	-68.
NODE,	723,	396.,	540.,	-68.
NODE,	724,	420.,	540.,	-68.
NODE,	725,	444.,	540.,	-68.
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NODE,	727,	504.,	540.,	-68.
NODE,	728,	528.,	540.,	-68.
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NODE,	730,	168.,	624.,	-68.
NODE,	731,	192.,	624.,	-68.
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QUADB,776,,132,,155,,401,,378,,5,1,8.,
QUADB,777,,155,,178,,424,,401,,5,1,8.,
QUADB,778,,178,,201,,447,,424,,5,1,8.,
QUADB,779,,201,,224,,470,,447,,5,1,8.,
QUADB,780,,37,,60,,306,,283,,5,1,8.,
QUADB,781,,60,,83,,329,,306,,5,1,8.,
QUADB,782,,83,,106,,352,,329,,5,1,8.,
QUADB,783,,106,,129,,375,,352,,5,1,8.,
QUADB,784,,129,,152,,398,,375,,5,1,8.,
QUADB,785,,152,,175,,421,,398,,5,1,8.,
QUADB,786,,175,,198,,444,,421,,5,1,8.,
QUADB,787,,198,,221,,467,,444,,5,1,8.,
QUADB,788,,8,,31,,277,,254,,5,1,8.,
QUADB,789,,31,,54,,300,,277,,5,1,8.,
QUADB,790,,54,,77,,323,,300,,5,1,8.,
QUADB,791,,77,,100,,346,,323,,5,1,8.,
QUADB,792,,100,,123,,369,,346,,5,1,8.,
QUADB,793,,123,,146,,392,,369,,5,1,8.,
QUADB,794,,146,,169,,415,,392,,5,1,8.,
QUADB,795,,169,,192,,438,,415,,5,1,8.,
QUADB,796,,192,,215,,461,,438,,5,1,8.,
QUADB,797,,215,,231,,477,,461,,5,1,8.,
QUADB,798,,5,,28,,274,,251,,5,1,8.,
QUADB,799,,28,,51,,297,,274,,5,1,8.,
QUADB,800,,51,,74,,320,,297,,5,1,8.,
QUADB,801,,74,,97,,343,,320,,5,1,8.,
QUADB,802,,97,,120,,366,,343,,5,1,8.,
QUADB,803,,120,,143,,389,,366,,5,1,8.,
QUADB,804,,143,,166,,412,,389,,5,1,8.,
QUADB,805,,166,,189,,435,,412,,5,1,8.,
QUADB,806,,189,,212,,458,,435,,5,1,8.,
QUADB,807,,1,,24,,270,,247,,5,1,8.,
QUADB,808,,24,,47,,293,,270,,5,1,8.,
QUADB,809,,47,,70,,316,,293,,5,1,8.,
QUADB,810,,70,,93,,339,,316,,5,1,8.,

QUADB,811,,93,,116,,362,,339,,5,1,8.,
QUADB,812,,116,,139,,385,,362,,5,1,8.,
QUADB,813,,139,,162,,408,,385,,5,1,8.,
QUADB,814,,162,,185,,431,,408,,5,1,8.,
QUADB,815,,185,,208,,454,,431,,5,1,8.,

END

ENDGEOM

C:\STARDYNE\HV01.MOD

Fri Sep 22 16:48:49 1995

DYNAMIC 0 0 0

65 100.0

ALL DONE

OPTION 0 1 0

0 66000

OUTPUT 1 2

TAPE4G

ENDMODEL

"HV01.DY2"

***** INPUT DATA CARDS *****

CARD IMAGE

1 6 12 17 22 27 32 37 42 47 52 57 62 67 72 80
* * * * *

CARD NO

```

1 START2          0      1.00  100.0
2   2000    0    2    2    2
3 END
4 MODES          1
5   1    21  0.02
6   22   27  0.80
7   28   65  0.02
8 END
9 PLOT          1    1
10         1    1    4    1    2    4
11         1    3    4   23   1    4
12        23   2    4   23   3    4
13       141   1    4  141   2    4
14       141   3    4  172   1    4
15       172   2    4  172   3    4
16       181   1    4  181   2    4
17       181   3    4  208   1    4
18       208   2    4  208   3    4
19       246   1    4  246   2    4
20       246   3    4
21 END
22 PRINT
23         1   23  141  172  181  208
24       246
25 END
26 FORCE
27 DIST          1
28 J  493  55.0      55.0
29 J  494  55.0      55.0
30 J  495  75.0      75.0
31 J  496  75.0      75.0
32 J  497  75.0      75.0
33 J  498  75.0      75.0
34 END
35 AMPL          1    0    1    1
36   1  29.00   1.0  31.00   1.0
37 ENDO
38 AMPL          2    0    1    3
39   1  29.00   1.0  31.00   1.0
40 END
41 AMPL          3    0    8    1
42   1  29.00   0.0  31.00   0.0
43 END
44 AMPL          4    0    8    3
45   1  29.00  90.0  31.00  90.0
46 END
47 ALL DONE

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(END OF INPUT FOR MODEL NO. 1)

65 MODES (EIGENVECTORS) HAVE BEEN SELECTED.

MODE NO.	NATURAL FREQUENCY (CPS)	GENERALIZED WEIGHT (RAD/SEC)	DAMPING COEFFICIENT (WEIGHT)	(MASS)	(MASS)
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1	0.499497E+01	0.313843E+02	0.110695E+04	0.286477E+01	0.200000E-01
2	0.499565E+01	0.313886E+02	0.968494E+03	0.250645E+01	0.200000E-01
3	0.499733E+01	0.313991E+02	0.524587E+04	0.135763E+02	0.200000E-01
4	0.499750E+01	0.314002E+02	0.585279E+04	0.151470E+02	0.200000E-01
5	0.499800E+01	0.314033E+02	0.457587E+04	0.118423E+02	0.200000E-01
6	0.499818E+01	0.314045E+02	0.352886E+04	0.913266E+01	0.200000E-01
7	0.499869E+01	0.314077E+02	0.594669E+04	0.153900E+02	0.200000E-01
8	0.499887E+01	0.314088E+02	0.388389E+04	0.100515E+02	0.200000E-01
9	0.499926E+01	0.314113E+02	0.140318E+04	0.363141E+01	0.200000E-01
10	0.499935E+01	0.314118E+02	0.163282E+04	0.422572E+01	0.200000E-01
11	0.499947E+01	0.314126E+02	0.116309E+04	0.301008E+01	0.200000E-01
12	0.499958E+01	0.314133E+02	0.434914E+04	0.112555E+02	0.200000E-01
13	0.499958E+01	0.314133E+02	0.304028E+04	0.786823E+01	0.200000E-01
14	0.499960E+01	0.314134E+02	0.191416E+04	0.495383E+01	0.200000E-01
15	0.499967E+01	0.314139E+02	0.205465E+04	0.531741E+01	0.200000E-01
16	0.499970E+01	0.314140E+02	0.180369E+04	0.466793E+01	0.200000E-01
17	0.499974E+01	0.314143E+02	0.281282E+04	0.727954E+01	0.200000E-01
18	0.499983E+01	0.314149E+02	0.217706E+04	0.563422E+01	0.200000E-01
19	0.499984E+01	0.314149E+02	0.226360E+04	0.585818E+01	0.200000E-01
20	0.499994E+01	0.314155E+02	0.285782E+04	0.739602E+01	0.200000E-01
21	0.499997E+01	0.314158E+02	0.362523E+04	0.938206E+01	0.200000E-01
22	0.119974E+02	0.753817E+02	0.974148E+06	0.252109E+04	0.800000E+00
23	0.124774E+02	0.783980E+02	0.116641E+07	0.301867E+04	0.800000E+00
24	0.141271E+02	0.887634E+02	0.804250E+06	0.208139E+04	0.800000E+00
25	0.159283E+02	0.100081E+03	0.614250E+06	0.158968E+04	0.800000E+00
26	0.175461E+02	0.110246E+03	0.449896E+06	0.116433E+04	0.800000E+00
27	0.179261E+02	0.112633E+03	0.453632E+06	0.117399E+04	0.800000E+00
28	0.278947E+02	0.175267E+03	0.114221E+06	0.295602E+03	0.200000E-01
29	0.293397E+02	0.184347E+03	0.103831E+06	0.268713E+03	0.200000E-01
30	0.318955E+02	0.200406E+03	0.299887E+05	0.776106E+02	0.200000E-01
31	0.360563E+02	0.226549E+03	0.244069E+05	0.631650E+02	0.200000E-01
32	0.379353E+02	0.238355E+03	0.224638E+05	0.581362E+02	0.200000E-01
33	0.399030E+02	0.250718E+03	0.120070E+05	0.310740E+02	0.200000E-01
34	0.405385E+02	0.254711E+03	0.136508E+05	0.353281E+02	0.200000E-01
35	0.410176E+02	0.257721E+03	0.162552E+05	0.420684E+02	0.200000E-01
36	0.440948E+02	0.277056E+03	0.178109E+06	0.460944E+03	0.200000E-01
37	0.496552E+02	0.311993E+03	0.162500E+05	0.420550E+02	0.200000E-01
38	0.505766E+02	0.317782E+03	0.629341E+05	0.162873E+03	0.200000E-01
39	0.512711E+02	0.322146E+03	0.172789E+05	0.447177E+02	0.200000E-01
40	0.530523E+02	0.333338E+03	0.801308E+05	0.207378E+03	0.200000E-01
41	0.591375E+02	0.371572E+03	0.179766E+06	0.465232E+03	0.200000E-01
42	0.635659E+02	0.399396E+03	0.127073E+05	0.328863E+02	0.200000E-01
43	0.643024E+02	0.404024E+03	0.348951E+05	0.903083E+02	0.200000E-01
44	0.651456E+02	0.409322E+03	0.177590E+05	0.459602E+02	0.200000E-01
45	0.662308E+02	0.416140E+03	0.199676E+06	0.516759E+03	0.200000E-01
46	0.689293E+02	0.433095E+03	0.217107E+06	0.561872E+03	0.200000E-01
47	0.710398E+02	0.446356E+03	0.122518E+06	0.317075E+03	0.200000E-01
48	0.725735E+02	0.455993E+03	0.718988E+05	0.186074E+03	0.200000E-01
49	0.738448E+02	0.463981E+03	0.256745E+06	0.664453E+03	0.200000E-01
50	0.760706E+02	0.477966E+03	0.599815E+06	0.155232E+04	0.200000E-01
51	0.787041E+02	0.494512E+03	0.143116E+05	0.370383E+02	0.200000E-01
52	0.797923E+02	0.501350E+03	0.129287E+05	0.334594E+02	0.200000E-01
53	0.803757E+02	0.505015E+03	0.271863E+05	0.703579E+02	0.200000E-01
54	0.815137E+02	0.512166E+03	0.129755E+05	0.335805E+02	0.200000E-01

65 MODES (EIGENVECTORS) HAVE BEEN SELECTED.

MODE NO.	NATURAL FREQUENCY (CPS)	NATURAL FREQUENCY (RAD/SEC)	GENERALIZED WEIGHT (WEIGHT)	GENERALIZED WEIGHT (MASS)	DAMPING COEFFICIENT
55	0.826966E+02	0.519598E+03	0.198528E+05	0.513790E+02	0.200000E-01
56	0.858159E+02	0.539197E+03	0.264925E+05	0.685624E+02	0.200000E-01
57	0.866803E+02	0.544628E+03	0.975426E+05	0.252439E+03	0.200000E-01
58	0.879528E+02	0.552624E+03	0.126294E+06	0.326849E+03	0.200000E-01
59	0.887150E+02	0.557413E+03	0.276852E+06	0.716491E+03	0.200000E-01
60	0.910961E+02	0.572374E+03	0.769589E+05	0.199169E+03	0.200000E-01
61	0.925303E+02	0.581385E+03	0.312349E+05	0.808356E+02	0.200000E-01
62	0.931167E+02	0.585069E+03	0.155415E+05	0.402214E+02	0.200000E-01
63	0.938856E+02	0.589901E+03	0.170630E+05	0.441589E+02	0.200000E-01
64	0.947936E+02	0.595606E+03	0.252633E+05	0.653811E+02	0.200000E-01
65	0.951413E+02	0.597790E+03	0.105643E+05	0.273404E+02	0.200000E-01

END OF INPUT DATA

*****NODAL DISPLACEMENTS, DISTRIBUTED FORCE EXCITATION..

JOINT	X1 DISPLACE	X2 DISPLACE	X3 DISPLACE	THETA 1 DISPLACE	THETA 2 DISPLACE	THETA 3 DISPLACE
1	0.191911E-06	0.190335E-06	0.575596E-06	0.245643E-08	0.572865E-09	0.694614E-09
2	0.191922E-06	0.174822E-06	0.579385E-06	0.246238E-08	0.540681E-09	0.672875E-09
3	0.191763E-06	0.159922E-06	0.581515E-06	0.242477E-08	0.470992E-09	0.655558E-09
4	0.191308E-06	0.145574E-06	0.579859E-06	0.242089E-08	0.452538E-09	0.612265E-09
5	0.190411E-06	0.131685E-06	0.571684E-06	0.249372E-08	0.644690E-09	0.631568E-09
6	0.189115E-06	0.118623E-06	0.553702E-06	0.255194E-08	0.961092E-09	0.614918E-09
7	0.187345E-06	0.106205E-06	0.529335E-06	0.269398E-08	0.115642E-08	0.577477E-09
8	0.184948E-06	0.943363E-07	0.502431E-06	0.281091E-08	0.121580E-08	0.601853E-09
9	0.182212E-06	0.802733E-07	0.477089E-06	0.303747E-08	0.129976E-08	0.678873E-09
10	0.179602E-06	0.667488E-07	0.450538E-06	0.321619E-08	0.144821E-08	0.626758E-09
11	0.176306E-06	0.514082E-07	0.413211E-06	0.344951E-08	0.166957E-08	0.601346E-09
12	0.172765E-06	0.394528E-07	0.371030E-06	0.369466E-08	0.189126E-08	0.579630E-09
13	0.169673E-06	0.346656E-07	0.335734E-06	0.390373E-08	0.204855E-08	0.605598E-09
14	0.166418E-06	0.360598E-07	0.301756E-06	0.410075E-08	0.217931E-08	0.598253E-09
15	0.163132E-06	0.449547E-07	0.272543E-06	0.429688E-08	0.228381E-08	0.606429E-09
16	0.159957E-06	0.575910E-07	0.251937E-06	0.444367E-08	0.235384E-08	0.661238E-09
17	0.157077E-06	0.724863E-07	0.243854E-06	0.450398E-08	0.240171E-08	0.707409E-09
18	0.154606E-06	0.907148E-07	0.250605E-06	0.452220E-08	0.243166E-08	0.788063E-09
19	0.152603E-06	0.110334E-06	0.271067E-06	0.446511E-08	0.248217E-08	0.884658E-09
20	0.150860E-06	0.137880E-06	0.311709E-06	0.430554E-08	0.253486E-08	0.106379E-08
21	0.149961E-06	0.168922E-06	0.364104E-06	0.406793E-08	0.255957E-08	0.125657E-08
22	0.149757E-06	0.195916E-06	0.411615E-06	0.388548E-08	0.255026E-08	0.130449E-08
23	0.149801E-06	0.222116E-06	0.462485E-06	0.371070E-08	0.250617E-08	0.122468E-08
24	0.233745E-06	0.190173E-06	0.427273E-06	0.274197E-08	0.647240E-09	0.760053E-09
25	0.233637E-06	0.174814E-06	0.433601E-06	0.271691E-08	0.588460E-09	0.677499E-09
26	0.233294E-06	0.159942E-06	0.438477E-06	0.268775E-08	0.425640E-09	0.673844E-09
27	0.232709E-06	0.145708E-06	0.438786E-06	0.268369E-08	0.270125E-09	0.612948E-09
28	0.231879E-06	0.132172E-06	0.430890E-06	0.269152E-08	0.591655E-09	0.712649E-09
29	0.230763E-06	0.118739E-06	0.410821E-06	0.270656E-08	0.112994E-08	0.000000E+00
30	0.229317E-06	0.105980E-06	0.381560E-06	0.273808E-08	0.143000E-08	0.000000E+00
31	0.227472E-06	0.937382E-07	0.348482E-06	0.277985E-08	0.139159E-08	0.733396E-09
32	0.225317E-06	0.797050E-07	0.316833E-06	0.285240E-08	0.138298E-08	0.649005E-09
33	0.223064E-06	0.661080E-07	0.282533E-06	0.294123E-08	0.157061E-08	0.606871E-09
34	0.220068E-06	0.506277E-07	0.231866E-06	0.307570E-08	0.190057E-08	0.594210E-09
35	0.216890E-06	0.384003E-07	0.171146E-06	0.322445E-08	0.224255E-08	0.603666E-09
36	0.214190E-06	0.335411E-07	0.116400E-06	0.334804E-08	0.248147E-08	0.532690E-09
37	0.211161E-06	0.358313E-07	0.610104E-07	0.347572E-08	0.265755E-08	0.675722E-09
38	0.208177E-06	0.428778E-07	0.441050E-07	0.360318E-08	0.280076E-08	0.652551E-09
39	0.205701E-06	0.557870E-07	0.974008E-07	0.373255E-08	0.287862E-08	0.728877E-09
40	0.203561E-06	0.723282E-07	0.163340E-06	0.384793E-08	0.277178E-08	0.821359E-09
41	0.201769E-06	0.887278E-07	0.228455E-06	0.394438E-08	0.266948E-08	0.951200E-09
42	0.200482E-06	0.108028E-06	0.292623E-06	0.403261E-08	0.262081E-08	0.111377E-08
43	0.199466E-06	0.135400E-06	0.371288E-06	0.408596E-08	0.255048E-08	0.105170E-08
44	0.198821E-06	0.166406E-06	0.447580E-06	0.406238E-08	0.246611E-08	0.963892E-09
45	0.198397E-06	0.193945E-06	0.506992E-06	0.401110E-08	0.243427E-08	0.111095E-08
46	0.198183E-06	0.224928E-06	0.566290E-06	0.394955E-08	0.245720E-08	0.155272E-08
47	0.279204E-06	0.189824E-06	0.273738E-06	0.314774E-08	0.698184E-09	0.942025E-09
48	0.279311E-06	0.174089E-06	0.279528E-06	0.316338E-08	0.580791E-09	0.000000E+00
49	0.279368E-06	0.159002E-06	0.284130E-06	0.317582E-08	0.284638E-09	0.000000E+00
50	0.279369E-06	0.144777E-06	0.285027E-06	0.317718E-08	0.103439E-09	0.000000E+00
51	0.279263E-06	0.131566E-06	0.281020E-06	0.312204E-08	0.468790E-09	0.859259E-09
52	0.278941E-06	0.117552E-06	0.271981E-06	0.301824E-08	0.844840E-09	0.000000E+00
53	0.278410E-06	0.104323E-06	0.258343E-06	0.287123E-08	0.108159E-08	0.000000E+00

54	0.277730E-06	0.918528E-07	0.241988E-06	0.274818E-08	0.109036E-08	0.104703E-08
55	0.276876E-06	0.773614E-07	0.223131E-06	0.266957E-08	0.118085E-08	0.000000E+00
56	0.275895E-06	0.636783E-07	0.200171E-06	0.265244E-08	0.141784E-08	0.000000E+00
57	0.274568E-06	0.480348E-07	0.165984E-06	0.265893E-08	0.181197E-08	0.000000E+00
58	0.273131E-06	0.356231E-07	0.131332E-06	0.266456E-08	0.222680E-08	0.000000E+00
59	0.271929E-06	0.307573E-07	0.114871E-06	0.266567E-08	0.254499E-08	0.000000E+00
60	0.270699E-06	0.330751E-07	0.123507E-06	0.267671E-08	0.287792E-08	0.142779E-08
61	0.269574E-06	0.389879E-07	0.162461E-06	0.269991E-08	0.323929E-08	0.000000E+00
62	0.268532E-06	0.517915E-07	0.221771E-06	0.275477E-08	0.335549E-08	0.000000E+00
63	0.267530E-06	0.686173E-07	0.289216E-06	0.284260E-08	0.333453E-08	0.677137E-09
64	0.266844E-06	0.840625E-07	0.361038E-06	0.295791E-08	0.340781E-08	0.000000E+00
65	0.266379E-06	0.102659E-06	0.434597E-06	0.311490E-08	0.332229E-08	0.000000E+00
66	0.265931E-06	0.128928E-06	0.524284E-06	0.331242E-08	0.311970E-08	0.000000E+00
67	0.265492E-06	0.158598E-06	0.609170E-06	0.345547E-08	0.291723E-08	0.000000E+00
68	0.265125E-06	0.185776E-06	0.674320E-06	0.352300E-08	0.282909E-08	0.000000E+00
69	0.264663E-06	0.218180E-06	0.739405E-06	0.356605E-08	0.286812E-08	0.284046E-08
70	0.330259E-06	0.189013E-06	0.175020E-06	0.354511E-08	0.575908E-09	0.954361E-09
71	0.330495E-06	0.172084E-06	0.170444E-06	0.360047E-08	0.448512E-09	0.000000E+00
72	0.330900E-06	0.156404E-06	0.169838E-06	0.363287E-08	0.200392E-09	0.000000E+00
73	0.331267E-06	0.141876E-06	0.173546E-06	0.361189E-08	0.250911E-09	0.000000E+00
74	0.331687E-06	0.128597E-06	0.181405E-06	0.351732E-08	0.451630E-09	0.968081E-09
75	0.331918E-06	0.114375E-06	0.192737E-06	0.335608E-08	0.656721E-09	0.000000E+00
76	0.332047E-06	0.101059E-06	0.206248E-06	0.316023E-08	0.784367E-09	0.000000E+00
77	0.332143E-06	0.887603E-07	0.219130E-06	0.298119E-08	0.739904E-09	0.936158E-09
78	0.332101E-06	0.736130E-07	0.228574E-06	0.284259E-08	0.811197E-09	0.000000E+00
79	0.332021E-06	0.594486E-07	0.235012E-06	0.275879E-08	0.105347E-08	0.000000E+00
80	0.331887E-06	0.433844E-07	0.240887E-06	0.267834E-08	0.148330E-08	0.000000E+00
81	0.331803E-06	0.303626E-07	0.248024E-06	0.258894E-08	0.198345E-08	0.000000E+00
82	0.331747E-06	0.246556E-07	0.258766E-06	0.250516E-08	0.240564E-08	0.000000E+00
83	0.331735E-06	0.260713E-07	0.278067E-06	0.242198E-08	0.285152E-08	0.123018E-08
84	0.331749E-06	0.325254E-07	0.310576E-06	0.235542E-08	0.334800E-08	0.000000E+00
85	0.331732E-06	0.449321E-07	0.358389E-06	0.231790E-08	0.358523E-08	0.000000E+00
86	0.331551E-06	0.596943E-07	0.416908E-06	0.231494E-08	0.360977E-08	0.744000E-09
87	0.331732E-06	0.765326E-07	0.483940E-06	0.234444E-08	0.381843E-08	0.000000E+00
88	0.332199E-06	0.947531E-07	0.557621E-06	0.239760E-08	0.382327E-08	0.000000E+00
89	0.332873E-06	0.119255E-06	0.651441E-06	0.245344E-08	0.366015E-08	0.000000E+00
90	0.333449E-06	0.145849E-06	0.742358E-06	0.247254E-08	0.346701E-08	0.000000E+00
91	0.333562E-06	0.169221E-06	0.813269E-06	0.246299E-08	0.339685E-08	0.000000E+00
92	0.332976E-06	0.194775E-06	0.885897E-06	0.244558E-08	0.351144E-08	0.217087E-08
93	0.385171E-06	0.186165E-06	0.277306E-06	0.389662E-08	0.377029E-09	0.943885E-09
94	0.385906E-06	0.168036E-06	0.270420E-06	0.396955E-08	0.251633E-09	0.000000E+00
95	0.386401E-06	0.151447E-06	0.266731E-06	0.399713E-08	0.273123E-09	0.000000E+00
96	0.387102E-06	0.136701E-06	0.266526E-06	0.392729E-08	0.381322E-09	0.000000E+00
97	0.387322E-06	0.123639E-06	0.270107E-06	0.377475E-08	0.655828E-09	0.103294E-08
98	0.387531E-06	0.109024E-06	0.278224E-06	0.354544E-08	0.884977E-09	0.000000E+00
99	0.387668E-06	0.955599E-07	0.293395E-06	0.329973E-08	0.101991E-08	0.000000E+00
100	0.387774E-06	0.832927E-07	0.312773E-06	0.308759E-08	0.954358E-09	0.832554E-09
101	0.387851E-06	0.677230E-07	0.332570E-06	0.292789E-08	0.832837E-09	0.000000E+00
102	0.387966E-06	0.531561E-07	0.352134E-06	0.283202E-08	0.794941E-09	0.000000E+00
103	0.388416E-06	0.364370E-07	0.373414E-06	0.270232E-08	0.101283E-08	0.000000E+00
104	0.388921E-06	0.222714E-07	0.389621E-06	0.248727E-08	0.149469E-08	0.000000E+00
105	0.389591E-06	0.156559E-07	0.401013E-06	0.226073E-08	0.197850E-08	0.000000E+00
106	0.390305E-06	0.174107E-07	0.414718E-06	0.202942E-08	0.246650E-08	0.108480E-08
107	0.391094E-06	0.264383E-07	0.435827E-06	0.184419E-08	0.300129E-08	0.000000E+00
108	0.391814E-06	0.390753E-07	0.469036E-06	0.175699E-08	0.327764E-08	0.000000E+00
109	0.392319E-06	0.522192E-07	0.512809E-06	0.179156E-08	0.332857E-08	0.879194E-09
110	0.393225E-06	0.701263E-07	0.566596E-06	0.190771E-08	0.365552E-08	0.000000E+00
111	0.394259E-06	0.880326E-07	0.629748E-06	0.204469E-08	0.379900E-08	0.000000E+00
112	0.395636E-06	0.110042E-06	0.714447E-06	0.211182E-08	0.384968E-08	0.000000E+00
113	0.396430E-06	0.132042E-06	0.800616E-06	0.198409E-08	0.385928E-08	0.000000E+00

114	0.396564E-06	0.149830E-06	0.871055E-06	0.175762E-08	0.392482E-08	0.000000E+00
115	0.395790E-06	0.167672E-06	0.946261E-06	0.148475E-08	0.409783E-08	0.138157E-08
116	0.445298E-06	0.179575E-06	0.489131E-06	0.393638E-08	0.414067E-09	0.102714E-08
117	0.445273E-06	0.160498E-06	0.491058E-06	0.412727E-08	0.474790E-09	0.000000E+00
118	0.445749E-06	0.144198E-06	0.490051E-06	0.424732E-08	0.167234E-09	0.000000E+00
119	0.444448E-06	0.129324E-06	0.481717E-06	0.419959E-08	0.741477E-09	0.000000E+00
120	0.444420E-06	0.115941E-06	0.467758E-06	0.407398E-08	0.871575E-09	0.110248E-08
121	0.443661E-06	0.101186E-06	0.455819E-06	0.369723E-08	0.130647E-08	0.000000E+00
122	0.442818E-06	0.877184E-07	0.452270E-06	0.333009E-08	0.162950E-08	0.000000E+00
123	0.442168E-06	0.752305E-07	0.460098E-06	0.304827E-08	0.170809E-08	0.704498E-09
124	0.441704E-06	0.595972E-07	0.478545E-06	0.289650E-08	0.156353E-08	0.000000E+00
125	0.441757E-06	0.448678E-07	0.501822E-06	0.285428E-08	0.115477E-08	0.000000E+00
126	0.441679E-06	0.275880E-07	0.524469E-06	0.275224E-08	0.501600E-09	0.000000E+00
127	0.442703E-06	0.119816E-07	0.531019E-06	0.238495E-08	0.886364E-09	0.000000E+00
128	0.443408E-06	0.569115E-08	0.526894E-06	0.194591E-08	0.141894E-08	0.000000E+00
129	0.444600E-06	0.143326E-07	0.521256E-06	0.149493E-08	0.185790E-08	0.936162E-09
130	0.445877E-06	0.278813E-07	0.522129E-06	0.117665E-08	0.221593E-08	0.000000E+00
131	0.447089E-06	0.409726E-07	0.535382E-06	0.121896E-08	0.238960E-08	0.000000E+00
132	0.448109E-06	0.529549E-07	0.561042E-06	0.160652E-08	0.244657E-08	0.955962E-09
133	0.449426E-06	0.706094E-07	0.598886E-06	0.210472E-08	0.286196E-08	0.000000E+00
134	0.451030E-06	0.869412E-07	0.646126E-06	0.257558E-08	0.326266E-08	0.000000E+00
135	0.452239E-06	0.106151E-06	0.709477E-06	0.291466E-08	0.366330E-08	0.000000E+00
136	0.453456E-06	0.123882E-06	0.774320E-06	0.283584E-08	0.419473E-08	0.000000E+00
137	0.453264E-06	0.136723E-06	0.830935E-06	0.259203E-08	0.451567E-08	0.000000E+00
138	0.452487E-06	0.148439E-06	0.897230E-06	0.235389E-08	0.476933E-08	0.838075E-09
139	0.506556E-06	0.165923E-06	0.716670E-06	0.443433E-08	0.122187E-08	0.687269E-09
140	0.509327E-06	0.151156E-06	0.732208E-06	0.419587E-08	0.145062E-08	0.000000E+00
141	0.505478E-06	0.136122E-06	0.731263E-06	0.391874E-08	0.717195E-09	0.000000E+00
142	0.505252E-06	0.120967E-06	0.715622E-06	0.361142E-08	0.105808E-08	0.000000E+00
143	0.499040E-06	0.105857E-06	0.683064E-06	0.329043E-08	0.194160E-08	0.728126E-09
144	0.495411E-06	0.919328E-07	0.641345E-06	0.295333E-08	0.229558E-08	0.000000E+00
145	0.493452E-06	0.779610E-07	0.612612E-06	0.261709E-08	0.268902E-08	0.000000E+00
146	0.492699E-06	0.646911E-07	0.605965E-06	0.233411E-08	0.301877E-08	0.487715E-09
147	0.492290E-06	0.500211E-07	0.626819E-06	0.226494E-08	0.293700E-08	0.000000E+00
148	0.491312E-06	0.357868E-07	0.659209E-06	0.246998E-08	0.228654E-08	0.000000E+00
149	0.492637E-06	0.184072E-07	0.684383E-06	0.261282E-08	0.471395E-09	0.000000E+00
150	0.491832E-06	0.230804E-08	0.670840E-06	0.222601E-08	0.130250E-08	0.000000E+00
151	0.493297E-06	0.122073E-07	0.635741E-06	0.174674E-08	0.205180E-08	0.000000E+00
152	0.494309E-06	0.247099E-07	0.594129E-06	0.107051E-08	0.196523E-08	0.852762E-09
153	0.495364E-06	0.386928E-07	0.564581E-06	0.774591E-09	0.136772E-08	0.000000E+00
154	0.496662E-06	0.519229E-07	0.553610E-06	0.127393E-08	0.873583E-09	0.000000E+00
155	0.498302E-06	0.643874E-07	0.563010E-06	0.207465E-08	0.103515E-08	0.859810E-09
156	0.500114E-06	0.792805E-07	0.594150E-06	0.288434E-08	0.188126E-08	0.000000E+00
157	0.500946E-06	0.936638E-07	0.633606E-06	0.341912E-08	0.206075E-08	0.000000E+00
158	0.504002E-06	0.110723E-06	0.673824E-06	0.387694E-08	0.334617E-08	0.000000E+00
159	0.504032E-06	0.126500E-06	0.696870E-06	0.381051E-08	0.450256E-08	0.000000E+00
160	0.505200E-06	0.137906E-06	0.713987E-06	0.361015E-08	0.557364E-08	0.000000E+00
161	0.504634E-06	0.147258E-06	0.745243E-06	0.361627E-08	0.589152E-08	0.760757E-09
162	0.532026E-06	0.155664E-06	0.980131E-06	0.505708E-08	0.136444E-08	0.990619E-09
163	0.531906E-06	0.143083E-06	0.948389E-06	0.449340E-08	0.166748E-08	0.000000E+00
164	0.532597E-06	0.129005E-06	0.912433E-06	0.393808E-08	0.163379E-08	0.000000E+00
165	0.531841E-06	0.113627E-06	0.867967E-06	0.336039E-08	0.230789E-08	0.000000E+00
166	0.532500E-06	0.965741E-07	0.816259E-06	0.285535E-08	0.246420E-08	0.495926E-09
167	0.532735E-06	0.828513E-07	0.765072E-06	0.257891E-08	0.300672E-08	0.000000E+00
168	0.533530E-06	0.683210E-07	0.723003E-06	0.239060E-08	0.367501E-08	0.000000E+00
169	0.535602E-06	0.523430E-07	0.702294E-06	0.222136E-08	0.453115E-08	0.614406E-09
170	0.539293E-06	0.400666E-07	0.718541E-06	0.204991E-08	0.471864E-08	0.000000E+00
171	0.545525E-06	0.273726E-07	0.768614E-06	0.184612E-08	0.289205E-08	0.000000E+00
172	0.542645E-06	0.128069E-07	0.788850E-06	0.152314E-08	0.146354E-08	0.000000E+00
173	0.545747E-06	0.127154E-07	0.762961E-06	0.112638E-08	0.242904E-08	0.000000E+00

174	0.539921E-06	0.253741E-07	0.697749E-06	0.828029E-09	0.384762E-08	0.000000E+00
175	0.537209E-06	0.403823E-07	0.611526E-06	0.713056E-09	0.336247E-08	0.618677E-09
176	0.536465E-06	0.524241E-07	0.550459E-06	0.941085E-09	0.209245E-08	0.000000E+00
177	0.537185E-06	0.657133E-07	0.517134E-06	0.138995E-08	0.125831E-08	0.000000E+00
178	0.539735E-06	0.801887E-07	0.514031E-06	0.192483E-08	0.173716E-08	0.829434E-09
179	0.544298E-06	0.917394E-07	0.548316E-06	0.250154E-08	0.237504E-08	0.000000E+00
180	0.551471E-06	0.104294E-06	0.599739E-06	0.310123E-08	0.357896E-08	0.000000E+00
181	0.549701E-06	0.121127E-06	0.613117E-06	0.382995E-08	0.213045E-08	0.000000E+00
182	0.554195E-06	0.138710E-06	0.587507E-06	0.447680E-08	0.614932E-08	0.000000E+00
183	0.549325E-06	0.153289E-06	0.546225E-06	0.493080E-08	0.652315E-08	0.000000E+00
184	0.547116E-06	0.168829E-06	0.506245E-06	0.534856E-08	0.668129E-08	0.982482E-09
185	0.558853E-06	0.150864E-06	0.123210E-05	0.385656E-08	0.286351E-08	0.622219E-09
186	0.559585E-06	0.138115E-06	0.116520E-05	0.353988E-08	0.282482E-08	0.450575E-09
187	0.561038E-06	0.124521E-06	0.109632E-05	0.320917E-08	0.300542E-08	0.603954E-09
188	0.562791E-06	0.109286E-06	0.102433E-05	0.290598E-08	0.309530E-08	0.722306E-09
189	0.563764E-06	0.923667E-07	0.950942E-06	0.267226E-08	0.322588E-08	0.735726E-09
190	0.564656E-06	0.768920E-07	0.880313E-06	0.252677E-08	0.332916E-08	0.000000E+00
191	0.565809E-06	0.595494E-07	0.816792E-06	0.254582E-08	0.349347E-08	0.000000E+00
192	0.566989E-06	0.426775E-07	0.765795E-06	0.280003E-08	0.356580E-08	0.106860E-08
193	0.567382E-06	0.319613E-07	0.734259E-06	0.324034E-08	0.332039E-08	0.000000E+00
194	0.566695E-06	0.227941E-07	0.715514E-06	0.355534E-08	0.303339E-08	0.000000E+00
195	0.567645E-06	0.149766E-07	0.689357E-06	0.378640E-08	0.206017E-08	0.000000E+00
196	0.566016E-06	0.215103E-07	0.639100E-06	0.335333E-08	0.264425E-08	0.000000E+00
197	0.566213E-06	0.351839E-07	0.579523E-06	0.287323E-08	0.282439E-08	0.000000E+00
198	0.565682E-06	0.528168E-07	0.512623E-06	0.239708E-08	0.285980E-08	0.503440E-09
199	0.564884E-06	0.618578E-07	0.455807E-06	0.214009E-08	0.250440E-08	0.000000E+00
200	0.564153E-06	0.751284E-07	0.413463E-06	0.228468E-08	0.219705E-08	0.000000E+00
201	0.563823E-06	0.924109E-07	0.389461E-06	0.279022E-08	0.187240E-08	0.103517E-08
202	0.563317E-06	0.101031E-06	0.386907E-06	0.354646E-08	0.132431E-08	0.000000E+00
203	0.561715E-06	0.113315E-06	0.386183E-06	0.453094E-08	0.970209E-09	0.000000E+00
204	0.561688E-06	0.132016E-06	0.360702E-06	0.566346E-08	0.158800E-08	0.000000E+00
205	0.559488E-06	0.154224E-06	0.292878E-06	0.633004E-08	0.316941E-08	0.000000E+00
206	0.559786E-06	0.174859E-06	0.214557E-06	0.675277E-08	0.410556E-08	0.000000E+00
207	0.559736E-06	0.199430E-06	0.136296E-06	0.694520E-08	0.441827E-08	0.135341E-08
208	0.591028E-06	0.148847E-06	0.142532E-05	0.329514E-08	0.326761E-08	0.622827E-09
209	0.591780E-06	0.136392E-06	0.134404E-05	0.304744E-08	0.346688E-08	0.530617E-09
210	0.593755E-06	0.122632E-06	0.125854E-05	0.277156E-08	0.359749E-08	0.631012E-09
211	0.596447E-06	0.107689E-06	0.117020E-05	0.251033E-08	0.372811E-08	0.679951E-09
212	0.599402E-06	0.916693E-07	0.107925E-05	0.225157E-08	0.386006E-08	0.717838E-09
213	0.601726E-06	0.746893E-07	0.984371E-06	0.196081E-08	0.397722E-08	0.621974E-09
214	0.602892E-06	0.566324E-07	0.890046E-06	0.180507E-08	0.390293E-08	0.121373E-08
215	0.602134E-06	0.428056E-07	0.798727E-06	0.199043E-08	0.371972E-08	0.612050E-09
216	0.601192E-06	0.355821E-07	0.717534E-06	0.260037E-08	0.353608E-08	0.404749E-09
217	0.600729E-06	0.256865E-07	0.641864E-06	0.323561E-08	0.338778E-08	0.382141E-09
218	0.599645E-06	0.189285E-07	0.552803E-06	0.385862E-08	0.333195E-08	0.414643E-09
219	0.598547E-06	0.248123E-07	0.468527E-06	0.413420E-08	0.318322E-08	0.589109E-09
220	0.596909E-06	0.367049E-07	0.404965E-06	0.420072E-08	0.314701E-08	0.831621E-09
221	0.594588E-06	0.530395E-07	0.344574E-06	0.424683E-08	0.315097E-08	0.604636E-09
222	0.591915E-06	0.632690E-07	0.285330E-06	0.430586E-08	0.318665E-08	0.472500E-09
223	0.589374E-06	0.767550E-07	0.236275E-06	0.449504E-08	0.306456E-08	0.653164E-09
224	0.586195E-06	0.934416E-07	0.202852E-06	0.480605E-08	0.305538E-08	0.542310E-09
225	0.582736E-06	0.104410E-06	0.185277E-06	0.515826E-08	0.305790E-08	0.280519E-09
226	0.579760E-06	0.118361E-06	0.187658E-06	0.552968E-08	0.280438E-08	0.624478E-09
227	0.575787E-06	0.139964E-06	0.208399E-06	0.587492E-08	0.252467E-08	0.932223E-09
228	0.572431E-06	0.166242E-06	0.235140E-06	0.595583E-08	0.225063E-08	0.125724E-08
229	0.570077E-06	0.191437E-06	0.257947E-06	0.590869E-08	0.215561E-08	0.173907E-08
230	0.569593E-06	0.220033E-06	0.284041E-06	0.585505E-08	0.211996E-08	0.117818E-08
231	0.641756E-06	0.711082E-07	0.700176E-06	0.257572E-08	0.511662E-08	0.128475E-08
232	0.642072E-06	0.429870E-07	0.580172E-06	0.327108E-08	0.529664E-08	0.140354E-08
233	0.642255E-06	0.302590E-07	0.459748E-06	0.399351E-08	0.529606E-08	0.474714E-09

234	0.642374E-06	0.225046E-07	0.316315E-06	0.483121E-08	0.511593E-08	0.412472E-09
235	0.641640E-06	0.270183E-07	0.194881E-06	0.551227E-08	0.487679E-08	0.418409E-09
236	0.640466E-06	0.367570E-07	0.142380E-06	0.591804E-08	0.463560E-08	0.401745E-09
237	0.638678E-06	0.466758E-07	0.165024E-06	0.620867E-08	0.441568E-08	0.536445E-09
238	0.636371E-06	0.624416E-07	0.235627E-06	0.644454E-08	0.417241E-08	0.705204E-09
239	0.633625E-06	0.761973E-07	0.318519E-06	0.658635E-08	0.393359E-08	0.481756E-09
240	0.630863E-06	0.879922E-07	0.401109E-06	0.663207E-08	0.363582E-08	0.667227E-09
241	0.628377E-06	0.105093E-06	0.478731E-06	0.663784E-08	0.328562E-08	0.869972E-09
242	0.626313E-06	0.122015E-06	0.548830E-06	0.656809E-08	0.292660E-08	0.922314E-09
243	0.624894E-06	0.145474E-06	0.622177E-06	0.630134E-08	0.237809E-08	0.119108E-08
244	0.624638E-06	0.173783E-06	0.678529E-06	0.590236E-08	0.184279E-08	0.142708E-08
245	0.625323E-06	0.200639E-06	0.713156E-06	0.561226E-08	0.144669E-08	0.179256E-08
246	0.625990E-06	0.231839E-06	0.741361E-06	0.534515E-08	0.120445E-08	0.146260E-08
247	0.232626E-06	0.322658E-06	0.578803E-06	0.268297E-08	0.443988E-09	0.714636E-09
248	0.232752E-06	0.313347E-06	0.581547E-06	0.267382E-08	0.461899E-09	0.751207E-09
249	0.233301E-06	0.303205E-06	0.581320E-06	0.263839E-08	0.433558E-09	0.795052E-09
250	0.234582E-06	0.291833E-06	0.577824E-06	0.259926E-08	0.439728E-09	0.851505E-09
251	0.236922E-06	0.279253E-06	0.571399E-06	0.257256E-08	0.593295E-09	0.810249E-09
252	0.240235E-06	0.269573E-06	0.553214E-06	0.263230E-08	0.924551E-09	0.930048E-09
253	0.244784E-06	0.258719E-06	0.530979E-06	0.284888E-08	0.107451E-08	0.103641E-08
254	0.250409E-06	0.246087E-06	0.504402E-06	0.289912E-08	0.118810E-08	0.931689E-09
255	0.257218E-06	0.229578E-06	0.480776E-06	0.298288E-08	0.129671E-08	0.107516E-08
256	0.264203E-06	0.214505E-06	0.453333E-06	0.301210E-08	0.147476E-08	0.102983E-08
257	0.273453E-06	0.199639E-06	0.414948E-06	0.307984E-08	0.163788E-08	0.102044E-08
258	0.283422E-06	0.190614E-06	0.373812E-06	0.319644E-08	0.180179E-08	0.982196E-09
259	0.291869E-06	0.187967E-06	0.339999E-06	0.332349E-08	0.197511E-08	0.887799E-09
260	0.300560E-06	0.187853E-06	0.307500E-06	0.338341E-08	0.215585E-08	0.828151E-09
261	0.309110E-06	0.192574E-06	0.279135E-06	0.346660E-08	0.218800E-08	0.753811E-09
262	0.317238E-06	0.198339E-06	0.258684E-06	0.350426E-08	0.228422E-08	0.613393E-09
263	0.324866E-06	0.203836E-06	0.249783E-06	0.340892E-08	0.220287E-08	0.532109E-09
264	0.331854E-06	0.213497E-06	0.254439E-06	0.334865E-08	0.241894E-08	0.507051E-09
265	0.338238E-06	0.223476E-06	0.272730E-06	0.320574E-08	0.237344E-08	0.506879E-09
266	0.345259E-06	0.238859E-06	0.311760E-06	0.307473E-08	0.255395E-08	0.640664E-09
267	0.350766E-06	0.258922E-06	0.364400E-06	0.305372E-08	0.280014E-08	0.855703E-09
268	0.353605E-06	0.278642E-06	0.413399E-06	0.309193E-08	0.278978E-08	0.105170E-08
269	0.354688E-06	0.300439E-06	0.465956E-06	0.310711E-08	0.272768E-08	0.933670E-09
270	0.272062E-06	0.322979E-06	0.424385E-06	0.259889E-08	0.734203E-09	0.752076E-09
271	0.272134E-06	0.314407E-06	0.433291E-06	0.250557E-08	0.515342E-09	0.763202E-09
272	0.272535E-06	0.304287E-06	0.437276E-06	0.247604E-08	0.402508E-09	0.787621E-09
273	0.273429E-06	0.293113E-06	0.438039E-06	0.256581E-08	0.482989E-09	0.880658E-09
274	0.275028E-06	0.282087E-06	0.439289E-06	0.253135E-08	0.284108E-09	0.804828E-09
275	0.278616E-06	0.267451E-06	0.425822E-06	0.270847E-08	0.131586E-08	0.000000E+00
276	0.282849E-06	0.253303E-06	0.383632E-06	0.279044E-08	0.241857E-08	0.000000E+00
277	0.288489E-06	0.240018E-06	0.337462E-06	0.272524E-08	0.122513E-08	0.705154E-09
278	0.292747E-06	0.223851E-06	0.312949E-06	0.255881E-08	0.128681E-08	0.106389E-08
279	0.297908E-06	0.208288E-06	0.279558E-06	0.256376E-08	0.162768E-08	0.991782E-09
280	0.305310E-06	0.193472E-06	0.226860E-06	0.269157E-08	0.193543E-08	0.107883E-08
281	0.313440E-06	0.185329E-06	0.164244E-06	0.293405E-08	0.224266E-08	0.107635E-08
282	0.320277E-06	0.184289E-06	0.107638E-06	0.309855E-08	0.259515E-08	0.108177E-08
283	0.327372E-06	0.188372E-06	0.492183E-07	0.314558E-08	0.251578E-08	0.693900E-09
284	0.334095E-06	0.190914E-06	0.458249E-07	0.312883E-08	0.271087E-08	0.741412E-09
285	0.339721E-06	0.196692E-06	0.100703E-06	0.331412E-08	0.284660E-08	0.865218E-09
286	0.344230E-06	0.206346E-06	0.171182E-06	0.373725E-08	0.277140E-08	0.586336E-09
287	0.347923E-06	0.211550E-06	0.233409E-06	0.453125E-08	0.185374E-08	0.120581E-08
288	0.350681E-06	0.219714E-06	0.299118E-06	0.598939E-08	0.212779E-08	0.947764E-09
289	0.352959E-06	0.234209E-06	0.380501E-06	0.724126E-08	0.247203E-08	0.576546E-09
290	0.354410E-06	0.253562E-06	0.455249E-06	0.681423E-08	0.276423E-08	0.127462E-08
291	0.355301E-06	0.273245E-06	0.509947E-06	0.560889E-08	0.305854E-08	0.186713E-08
292	0.355776E-06	0.297066E-06	0.556705E-06	0.490114E-08	0.133902E-08	0.105039E-08
293	0.313968E-06	0.328198E-06	0.270900E-06	0.302248E-08	0.198937E-08	0.940459E-09

294	0.313867E-06	0.319815E-06	0.301604E-06	0.287945E-08	0.160211E-08	0.000000E+00
295	0.313862E-06	0.310019E-06	0.314239E-06	0.290349E-08	0.875374E-10	0.000000E+00
296	0.314050E-06	0.299811E-06	0.300054E-06	0.309927E-08	0.127388E-08	0.000000E+00
297	0.314481E-06	0.289552E-06	0.281082E-06	0.314566E-08	0.289147E-09	0.117590E-08
298	0.314980E-06	0.270115E-06	0.274704E-06	0.310405E-08	0.928505E-09	0.000000E+00
299	0.315713E-06	0.251713E-06	0.256299E-06	0.288558E-08	0.144743E-08	0.000000E+00
300	0.316661E-06	0.235726E-06	0.244740E-06	0.265767E-08	0.249511E-09	0.123951E-08
301	0.318111E-06	0.216889E-06	0.259389E-06	0.250967E-08	0.695297E-09	0.000000E+00
302	0.319522E-06	0.200126E-06	0.263606E-06	0.277081E-08	0.917136E-09	0.000000E+00
303	0.321498E-06	0.183751E-06	0.227600E-06	0.309985E-08	0.261947E-08	0.000000E+00
304	0.323836E-06	0.175146E-06	0.161476E-06	0.317597E-08	0.361884E-08	0.000000E+00
305	0.325999E-06	0.175275E-06	0.124720E-06	0.295148E-08	0.324703E-08	0.000000E+00
306	0.328376E-06	0.182700E-06	0.118397E-06	0.269548E-08	0.135388E-08	0.141659E-08
307	0.330574E-06	0.182610E-06	0.127439E-06	0.243618E-08	0.217212E-08	0.000000E+00
308	0.332698E-06	0.188791E-06	0.173019E-06	0.255096E-08	0.396198E-08	0.000000E+00
309	0.334761E-06	0.200388E-06	0.285915E-06	0.377890E-08	0.723340E-08	0.265922E-08
310	0.335898E-06	0.201989E-06	0.570500E-06	0.691283E-08	0.153401E-07	0.000000E+00
311	0.336615E-06	0.208420E-06	0.941900E-06	0.120698E-07	0.142883E-07	0.000000E+00
312	0.337121E-06	0.221228E-06	0.125094E-05	0.162147E-07	0.527331E-08	0.000000E+00
313	0.337444E-06	0.238977E-06	0.123059E-05	0.144780E-07	0.599492E-08	0.000000E+00
314	0.337715E-06	0.257170E-06	0.100687E-05	0.100994E-07	0.112888E-07	0.000000E+00
315	0.338099E-06	0.280652E-06	0.741552E-06	0.674698E-08	0.879108E-08	0.117309E-08
316	0.357432E-06	0.340284E-06	0.174757E-06	0.376805E-08	0.236978E-08	0.990809E-09
317	0.357072E-06	0.330201E-06	0.171619E-06	0.374191E-08	0.133042E-08	0.000000E+00
318	0.356426E-06	0.319414E-06	0.173100E-06	0.387628E-08	0.324963E-09	0.000000E+00
319	0.355704E-06	0.308543E-06	0.174574E-06	0.385370E-08	0.120953E-08	0.000000E+00
320	0.355076E-06	0.298561E-06	0.180768E-06	0.372066E-08	0.262471E-09	0.940997E-09
321	0.354654E-06	0.276244E-06	0.190273E-06	0.344152E-08	0.771726E-09	0.000000E+00
322	0.354195E-06	0.255738E-06	0.203985E-06	0.323984E-08	0.100057E-08	0.000000E+00
323	0.353815E-06	0.237398E-06	0.222371E-06	0.324416E-08	0.114137E-08	0.107348E-08
324	0.353607E-06	0.213424E-06	0.261332E-06	0.342150E-08	0.201793E-08	0.000000E+00
325	0.353355E-06	0.192522E-06	0.303832E-06	0.397428E-08	0.196720E-08	0.000000E+00
326	0.353016E-06	0.172065E-06	0.326332E-06	0.436737E-08	0.284211E-08	0.000000E+00
327	0.352722E-06	0.160116E-06	0.316954E-06	0.400850E-08	0.357650E-08	0.000000E+00
328	0.352551E-06	0.158433E-06	0.300434E-06	0.327860E-08	0.292569E-08	0.000000E+00
329	0.352449E-06	0.164099E-06	0.278029E-06	0.264052E-08	0.116495E-08	0.880056E-09
330	0.352310E-06	0.164053E-06	0.265693E-06	0.223336E-08	0.860282E-09	0.000000E+00
331	0.352226E-06	0.169658E-06	0.291542E-06	0.221590E-08	0.493869E-08	0.000000E+00
332	0.352254E-06	0.180393E-06	0.426563E-06	0.267568E-08	0.127236E-07	0.172098E-08
333	0.351658E-06	0.183337E-06	0.911986E-06	0.454603E-08	0.287685E-07	0.000000E+00
334	0.350732E-06	0.189908E-06	0.157787E-05	0.807727E-08	0.264681E-07	0.000000E+00
335	0.349299E-06	0.202507E-06	0.210071E-05	0.108163E-07	0.752604E-08	0.000000E+00
336	0.347789E-06	0.219138E-06	0.196989E-05	0.932050E-08	0.155429E-07	0.000000E+00
337	0.346749E-06	0.235271E-06	0.146168E-05	0.592285E-08	0.256740E-07	0.000000E+00
338	0.346250E-06	0.254468E-06	0.890627E-06	0.324277E-08	0.193448E-07	0.847843E-09
339	0.399994E-06	0.355904E-06	0.281495E-06	0.407044E-08	0.220316E-08	0.856522E-09
340	0.399351E-06	0.343261E-06	0.250954E-06	0.412496E-08	0.585299E-09	0.000000E+00
341	0.398365E-06	0.330692E-06	0.250774E-06	0.431024E-08	0.502353E-09	0.000000E+00
342	0.397270E-06	0.318250E-06	0.266930E-06	0.418321E-08	0.737036E-09	0.000000E+00
343	0.396223E-06	0.306727E-06	0.274028E-06	0.391859E-08	0.106323E-08	0.787765E-09
344	0.395230E-06	0.281263E-06	0.278761E-06	0.350357E-08	0.852519E-09	0.000000E+00
345	0.394174E-06	0.257546E-06	0.297343E-06	0.324845E-08	0.104103E-08	0.000000E+00
346	0.393213E-06	0.236972E-06	0.318170E-06	0.334141E-08	0.149262E-08	0.937109E-09
347	0.392493E-06	0.208680E-06	0.373654E-06	0.365485E-08	0.332101E-08	0.000000E+00
348	0.391760E-06	0.183469E-06	0.456145E-06	0.432253E-08	0.352415E-08	0.000000E+00
349	0.390830E-06	0.157355E-06	0.530115E-06	0.462775E-08	0.253165E-08	0.000000E+00
350	0.389852E-06	0.139685E-06	0.532541E-06	0.392470E-08	0.252058E-08	0.000000E+00
351	0.388986E-06	0.133798E-06	0.483304E-06	0.293503E-08	0.303054E-08	0.000000E+00
352	0.388029E-06	0.136843E-06	0.415849E-06	0.223576E-08	0.280110E-08	0.722215E-09
353	0.386884E-06	0.135859E-06	0.384431E-06	0.186604E-08	0.428074E-09	0.000000E+00

354	0.385780E-06	0.142169E-06	0.398259E-06	0.183495E-08	0.507251E-08	0.000000E+00
355	0.384783E-06	0.154995E-06	0.522400E-06	0.184583E-08	0.149033E-07	0.993245E-09
356	0.383402E-06	0.160310E-06	0.107390E-05	0.189183E-08	0.345389E-07	0.000000E+00
357	0.381937E-06	0.169168E-06	0.186779E-05	0.230164E-08	0.318323E-07	0.000000E+00
358	0.380041E-06	0.184322E-06	0.248913E-05	0.276763E-08	0.854675E-08	0.000000E+00
359	0.378119E-06	0.203264E-06	0.230571E-05	0.248232E-08	0.198328E-07	0.000000E+00
360	0.376678E-06	0.220888E-06	0.166472E-05	0.185796E-08	0.321500E-07	0.000000E+00
361	0.375507E-06	0.240619E-06	0.951127E-06	0.158602E-08	0.245685E-07	0.771501E-09
362	0.437738E-06	0.373044E-06	0.487151E-06	0.439375E-08	0.197877E-08	0.544529E-09
363	0.436935E-06	0.358662E-06	0.469734E-06	0.441544E-08	0.775218E-09	0.000000E+00
364	0.436304E-06	0.341945E-06	0.480729E-06	0.446169E-08	0.561024E-09	0.000000E+00
365	0.435508E-06	0.325578E-06	0.485730E-06	0.415450E-08	0.104779E-08	0.000000E+00
366	0.434262E-06	0.311236E-06	0.467160E-06	0.378321E-08	0.214682E-08	0.724900E-09
367	0.432838E-06	0.281939E-06	0.449617E-06	0.330663E-08	0.162018E-08	0.000000E+00
368	0.431529E-06	0.255379E-06	0.451025E-06	0.300949E-08	0.153492E-08	0.000000E+00
369	0.430254E-06	0.231288E-06	0.462344E-06	0.303844E-08	0.154954E-08	0.632897E-09
370	0.429314E-06	0.200464E-06	0.532910E-06	0.322259E-08	0.448376E-08	0.000000E+00
371	0.428642E-06	0.171954E-06	0.644866E-06	0.364310E-08	0.461437E-08	0.000000E+00
372	0.428100E-06	0.140303E-06	0.740110E-06	0.366880E-08	0.184676E-08	0.000000E+00
373	0.427547E-06	0.115274E-06	0.722400E-06	0.288970E-08	0.272928E-08	0.000000E+00
374	0.426871E-06	0.103324E-06	0.630778E-06	0.204631E-08	0.479230E-08	0.000000E+00
375	0.425856E-06	0.101961E-06	0.524489E-06	0.157324E-08	0.436450E-08	0.711898E-09
376	0.424483E-06	0.101131E-06	0.480644E-06	0.137360E-08	0.136177E-08	0.000000E+00
377	0.423184E-06	0.110911E-06	0.483343E-06	0.136259E-08	0.434919E-08	0.000000E+00
378	0.421941E-06	0.130168E-06	0.566199E-06	0.177760E-08	0.137858E-07	0.548688E-09
379	0.420586E-06	0.139854E-06	0.103991E-05	0.287649E-08	0.327050E-07	0.000000E+00
380	0.419535E-06	0.153350E-06	0.177933E-05	0.462145E-08	0.305176E-07	0.000000E+00
381	0.418408E-06	0.174937E-06	0.237389E-05	0.587211E-08	0.854768E-08	0.000000E+00
382	0.417116E-06	0.201312E-06	0.220441E-05	0.517569E-08	0.187580E-07	0.000000E+00
383	0.415709E-06	0.226077E-06	0.159210E-05	0.372413E-08	0.308887E-07	0.000000E+00
384	0.414023E-06	0.254663E-06	0.904208E-05	0.275318E-08	0.242827E-07	0.112636E-08
385	0.468604E-06	0.399136E-06	0.726251E-06	0.471585E-08	0.171136E-08	0.472160E-09
386	0.467902E-06	0.374001E-06	0.720933E-06	0.458069E-08	0.111476E-08	0.000000E+00
387	0.467834E-06	0.350493E-06	0.729141E-06	0.434554E-08	0.327736E-09	0.000000E+00
388	0.467666E-06	0.328934E-06	0.705419E-06	0.388110E-08	0.246980E-08	0.000000E+00
389	0.466613E-06	0.309146E-06	0.650034E-06	0.351008E-08	0.327185E-08	0.511660E-09
390	0.465186E-06	0.279071E-06	0.612105E-06	0.311036E-08	0.257272E-08	0.000000E+00
391	0.464075E-06	0.249738E-06	0.596416E-06	0.278643E-08	0.236164E-08	0.000000E+00
392	0.462382E-06	0.221887E-06	0.594625E-06	0.265308E-08	0.136235E-08	0.282933E-09
393	0.461074E-06	0.190362E-06	0.665418E-06	0.255005E-08	0.471943E-08	0.000000E+00
394	0.460781E-06	0.159878E-06	0.781399E-06	0.254041E-08	0.464972E-08	0.000000E+00
395	0.461094E-06	0.123458E-06	0.869265E-06	0.220323E-08	0.936731E-09	0.000000E+00
396	0.461594E-06	0.905748E-07	0.825787E-06	0.142007E-08	0.387907E-08	0.000000E+00
397	0.461669E-06	0.698506E-07	0.708406E-06	0.762350E-09	0.618977E-08	0.000000E+00
398	0.460976E-06	0.607932E-07	0.585968E-06	0.485303E-09	0.519872E-08	0.763760E-09
399	0.459807E-06	0.629176E-07	0.536933E-06	0.408111E-09	0.216940E-08	0.000000E+00
400	0.459027E-06	0.813625E-07	0.527554E-06	0.574601E-09	0.277008E-08	0.000000E+00
401	0.458068E-06	0.110945E-06	0.554403E-06	0.211547E-08	0.100772E-07	0.852539E-09
402	0.457221E-06	0.127177E-06	0.846303E-06	0.477948E-08	0.248233E-07	0.000000E+00
403	0.457281E-06	0.147826E-06	0.138240E-05	0.856993E-08	0.237197E-07	0.000000E+00
404	0.457859E-06	0.178784E-06	0.184287E-05	0.114063E-07	0.739924E-08	0.000000E+00
405	0.458138E-06	0.215778E-06	0.173210E-05	0.102464E-07	0.136852E-07	0.000000E+00
406	0.457583E-06	0.250193E-06	0.127445E-05	0.725847E-08	0.234776E-07	0.000000E+00
407	0.455800E-06	0.289791E-06	0.748655E-06	0.490216E-08	0.194878E-07	0.136935E-08
408	0.491915E-06	0.418260E-06	0.978008E-06	0.436254E-08	0.184803E-08	0.684031E-09
409	0.491209E-06	0.383293E-06	0.968094E-06	0.397983E-08	0.102533E-08	0.000000E+00
410	0.491229E-06	0.355282E-06	0.956002E-06	0.341507E-08	0.135371E-08	0.000000E+00
411	0.491657E-06	0.329672E-06	0.901332E-06	0.301881E-08	0.360698E-08	0.000000E+00
412	0.491939E-06	0.305069E-06	0.819835E-06	0.285244E-08	0.371046E-08	0.250591E-09
413	0.491505E-06	0.273304E-06	0.763249E-06	0.279979E-08	0.308764E-08	0.000000E+00

414	0.490462E-06	0.244199E-06	0.722928E-06	0.258092E-08	0.306018E-08	0.000000E+00
415	0.488778E-06	0.215313E-06	0.696126E-06	0.234225E-08	0.139872E-08	0.491270E-09
416	0.487511E-06	0.181777E-06	0.740726E-06	0.204335E-08	0.343179E-08	0.000000E+00
417	0.487215E-06	0.148946E-06	0.823445E-06	0.193524E-08	0.316991E-08	0.000000E+00
418	0.488047E-06	0.110065E-06	0.871163E-06	0.200244E-08	0.878709E-09	0.000000E+00
419	0.489786E-06	0.724198E-07	0.804402E-06	0.179016E-08	0.470654E-08	0.000000E+00
420	0.491143E-06	0.424212E-07	0.686135E-06	0.135191E-08	0.648859E-08	0.000000E+00
421	0.491417E-06	0.162940E-07	0.571626E-06	0.109285E-08	0.527270E-08	0.564531E-09
422	0.491308E-06	0.321993E-07	0.522164E-06	0.944733E-09	0.252435E-08	0.000000E+00
423	0.492047E-06	0.638357E-07	0.501862E-06	0.122033E-08	0.132271E-08	0.000000E+00
424	0.492084E-06	0.992634E-07	0.484863E-06	0.271990E-08	0.513289E-08	0.134322E-08
425	0.492226E-06	0.124273E-06	0.567238E-06	0.562644E-08	0.135695E-07	0.000000E+00
426	0.493708E-06	0.152158E-06	0.814603E-06	0.996047E-08	0.137290E-07	0.000000E+00
427	0.495949E-06	0.191812E-06	0.106857E-05	0.134546E-07	0.517661E-08	0.000000E+00
428	0.497580E-06	0.238386E-06	0.102259E-05	0.125231E-07	0.697672E-08	0.000000E+00
429	0.497781E-06	0.282737E-06	0.774586E-06	0.934335E-08	0.130909E-07	0.000000E+00
430	0.496241E-06	0.333922E-06	0.474256E-06	0.672991E-08	0.122735E-07	0.956393E-09
431	0.507306E-06	0.411909E-06	0.123760E-05	0.366747E-08	0.287472E-08	0.895092E-09
432	0.506763E-06	0.385720E-06	0.117225E-05	0.329713E-08	0.282085E-08	0.109545E-08
433	0.506182E-06	0.358084E-06	0.110304E-05	0.286485E-08	0.308466E-08	0.110650E-08
434	0.506086E-06	0.330257E-06	0.102779E-05	0.261082E-08	0.337094E-08	0.128922E-08
435	0.507300E-06	0.302826E-06	0.946432E-06	0.232798E-08	0.326386E-08	0.759460E-09
436	0.510107E-06	0.269116E-06	0.882190E-06	0.240786E-08	0.326225E-08	0.000000E+00
437	0.511470E-06	0.235248E-06	0.818943E-06	0.226718E-08	0.385538E-08	0.000000E+00
438	0.509777E-06	0.209429E-06	0.760925E-06	0.201003E-08	0.218785E-08	0.682333E-09
439	0.507745E-06	0.171954E-06	0.754165E-06	0.183329E-08	0.614701E-09	0.000000E+00
440	0.507591E-06	0.139915E-06	0.767861E-06	0.219268E-08	0.602353E-09	0.000000E+00
441	0.509494E-06	0.102604E-06	0.748327E-06	0.295914E-08	0.227845E-08	0.000000E+00
442	0.512577E-06	0.656469E-07	0.667296E-06	0.289048E-08	0.442796E-08	0.000000E+00
443	0.515334E-06	0.362378E-07	0.573952E-06	0.224144E-08	0.525140E-08	0.000000E+00
444	0.517741E-06	0.208387E-07	0.487066E-06	0.194559E-08	0.426922E-08	0.225645E-09
445	0.520027E-06	0.309502E-07	0.437843E-06	0.166947E-08	0.286536E-08	0.000000E+00
446	0.522742E-06	0.635194E-07	0.403466E-06	0.179037E-08	0.184901E-08	0.000000E+00
447	0.525069E-06	0.998215E-07	0.359659E-06	0.259467E-08	0.222914E-08	0.145400E-08
448	0.527168E-06	0.128751E-06	0.310636E-06	0.444167E-08	0.399291E-08	0.000000E+00
449	0.529806E-06	0.161460E-06	0.294534E-06	0.764607E-08	0.452771E-08	0.000000E+00
450	0.532957E-06	0.206795E-06	0.318282E-06	0.106904E-07	0.249286E-08	0.000000E+00
451	0.535202E-06	0.259018E-06	0.294160E-06	0.108196E-07	0.183420E-08	0.000000E+00
452	0.535693E-06	0.307899E-06	0.221803E-06	0.908329E-08	0.359622E-08	0.000000E+00
453	0.534326E-06	0.369335E-06	0.133067E-06	0.757168E-08	0.499245E-08	0.214437E-09
454	0.531897E-06	0.404607E-06	0.143834E-05	0.358325E-08	0.353151E-08	0.712005E-09
455	0.530639E-06	0.384801E-06	0.135192E-05	0.336659E-08	0.365038E-08	0.947110E-09
456	0.527746E-06	0.359864E-06	0.126531E-05	0.312880E-08	0.365554E-08	0.112161E-08
457	0.524192E-06	0.332011E-06	0.117699E-05	0.291602E-08	0.374161E-08	0.126705E-08
458	0.520891E-06	0.301699E-06	0.108740E-05	0.260036E-08	0.382789E-08	0.122041E-08
459	0.518131E-06	0.269250E-06	0.991486E-06	0.226954E-08	0.409644E-08	0.155627E-08
460	0.517314E-06	0.233301E-06	0.893942E-06	0.200782E-08	0.435743E-08	0.256964E-08
461	0.520447E-06	0.192611E-06	0.792939E-06	0.168468E-08	0.331522E-08	0.116914E-08
462	0.523553E-06	0.162815E-06	0.723250E-06	0.183971E-08	0.323536E-08	0.132462E-08
463	0.526935E-06	0.134508E-06	0.650789E-06	0.222976E-08	0.348893E-08	0.113093E-08
464	0.530917E-06	0.996752E-07	0.560180E-06	0.273345E-08	0.336333E-08	0.118336E-08
465	0.534773E-06	0.643253E-07	0.476004E-06	0.299607E-08	0.312864E-08	0.134193E-08
466	0.538256E-06	0.373364E-07	0.419609E-06	0.304274E-08	0.277998E-08	0.149978E-08
467	0.543229E-06	0.270729E-07	0.377053E-06	0.324379E-08	0.321316E-08	0.122583E-08
468	0.548133E-06	0.375414E-07	0.307533E-06	0.319045E-08	0.344296E-08	0.151548E-08
469	0.551911E-06	0.684190E-07	0.259212E-06	0.331415E-08	0.277363E-08	0.141945E-08
470	0.556851E-06	0.103102E-06	0.233725E-06	0.365093E-08	0.317311E-08	0.125347E-08
471	0.561877E-06	0.136163E-06	0.189781E-06	0.384991E-08	0.381468E-08	0.123267E-08
472	0.565566E-06	0.172216E-06	0.176276E-06	0.438758E-08	0.319056E-08	0.127930E-08
473	0.569652E-06	0.220698E-06	0.192536E-06	0.512801E-08	0.267724E-08	0.160653E-08

474	0.573105E-06	0.273344E-06	0.226489E-06	0.557558E-08	0.225120E-08	0.201883E-08
475	0.574848E-06	0.319833E-06	0.257523E-06	0.561258E-08	0.201209E-08	0.255953E-08
476	0.574763E-06	0.369275E-06	0.291880E-06	0.577839E-08	0.216740E-08	0.152277E-08
477	0.638877E-06	0.189543E-06	0.712793E-06	0.171848E-08	0.530382E-08	0.209397E-08
478	0.634907E-06	0.159142E-06	0.581557E-06	0.186756E-08	0.591718E-08	0.187908E-08
479	0.628859E-06	0.132591E-06	0.457757E-06	0.208770E-08	0.541049E-08	0.119722E-08
480	0.620233E-06	0.980717E-07	0.314781E-06	0.240526E-08	0.519540E-08	0.118376E-08
481	0.612053E-06	0.628784E-07	0.194644E-06	0.277632E-08	0.490580E-08	0.123273E-08
482	0.606571E-06	0.357046E-07	0.144241E-06	0.310197E-08	0.477336E-08	0.131946E-08
483	0.602205E-06	0.182943E-07	0.169563E-06	0.326816E-08	0.438907E-08	0.134588E-08
484	0.598838E-06	0.435730E-07	0.240826E-06	0.363723E-08	0.413003E-08	0.139344E-08
485	0.596119E-06	0.746184E-07	0.323447E-06	0.383652E-08	0.395380E-08	0.145359E-08
486	0.593470E-06	0.108007E-06	0.405087E-06	0.387153E-08	0.359016E-08	0.150657E-08
487	0.590547E-06	0.145185E-06	0.480874E-06	0.409914E-08	0.313315E-08	0.158811E-08
488	0.587193E-06	0.183182E-06	0.548455E-06	0.416713E-08	0.279262E-08	0.163939E-08
489	0.582492E-06	0.232465E-06	0.620192E-06	0.429947E-08	0.229614E-08	0.171959E-08
490	0.577896E-06	0.283345E-06	0.677111E-06	0.448470E-08	0.177510E-08	0.177267E-08
491	0.574811E-06	0.322547E-06	0.711454E-06	0.462983E-08	0.151974E-08	0.184422E-08
492	0.573080E-06	0.355768E-06	0.737243E-06	0.467515E-08	0.142912E-08	0.125243E-08
493	0.757566E-03	0.349465E-07	0.757544E-03	0.935422E-08	0.378591E-04	0.000000E+00
494	0.757567E-03	0.299516E-07	0.757554E-03	0.754941E-08	0.378598E-04	0.000000E+00
495	0.763675E-03	0.175217E-07	0.763674E-03	0.270559E-08	0.381641E-04	0.000000E+00
496	0.763674E-03	0.147890E-07	0.763681E-03	0.149040E-08	0.381638E-04	0.000000E+00
497	0.763672E-03	0.216810E-07	0.763708E-03	0.611474E-08	0.381621E-04	0.000000E+00
498	0.763668E-03	0.275687E-07	0.763721E-03	0.818056E-08	0.381612E-04	0.000000E+00
499	0.111800E-06	0.287497E-07	0.493307E-07	0.468178E-08	0.276099E-07	0.000000E+00

MAXIMUM X1 = 0.76367496E-03 AT NODE 495
 MAXIMUM X2 = 0.41825982E-06 AT NODE 408
 MAXIMUM X3 = 0.76372115E-03 AT NODE 498
 MAXIMUM X4 = 0.16214662E-07 AT NODE 312
 MAXIMUM X5 = 0.38164149E-04 AT NODE 495
 MAXIMUM X6 = 0.28404591E-08 AT NODE 69

*****NODAL ACCELERATIONS, DISTRIBUTED FORCE EXCITATION..(UNITS/SEC2)
 *****(THE MAXIMUM ACCELERATION LAGS THE MAXIMUM DISPLACEMENT BY 180
 DEGREES)

JOINT	X1	X2	X3	THETA 1	THETA 2	THETA 3
ACCELERATION	ACCELERATION	ACCELERATION	ACCELERATION	ACCELERATION	ACCELERATION	ACCELERATION
1	0.652189E-02	0.646833E-02	0.195610E-01	0.834791E-04	0.194681E-04	0.236056E-04
2	0.652224E-02	0.594112E-02	0.196897E-01	0.836810E-04	0.183744E-04	0.228669E-04
3	0.651686E-02	0.543477E-02	0.197621E-01	0.824031E-04	0.160061E-04	0.222784E-04
4	0.650140E-02	0.494716E-02	0.197058E-01	0.822711E-04	0.153790E-04	0.208071E-04
5	0.647089E-02	0.447517E-02	0.194280E-01	0.847462E-04	0.219090E-04	0.214631E-04
6	0.642687E-02	0.403125E-02	0.188169E-01	0.867249E-04	0.326616E-04	0.208973E-04
7	0.636669E-02	0.360926E-02	0.179888E-01	0.915519E-04	0.392997E-04	0.196249E-04
8	0.628524E-02	0.320591E-02	0.170745E-01	0.955254E-04	0.413177E-04	0.204533E-04
9	0.619228E-02	0.272799E-02	0.162133E-01	0.103225E-03	0.441708E-04	0.230707E-04
10	0.610357E-02	0.226838E-02	0.153110E-01	0.109298E-03	0.492159E-04	0.212996E-04
11	0.599157E-02	0.174705E-02	0.140425E-01	0.117228E-03	0.567386E-04	0.204361E-04
12	0.587123E-02	0.134076E-02	0.126090E-01	0.125559E-03	0.642723E-04	0.196980E-04
13	0.576614E-02	0.117807E-02	0.114095E-01	0.132664E-03	0.696178E-04	0.205805E-04
14	0.565553E-02	0.122545E-02	0.102548E-01	0.139359E-03	0.740613E-04	0.203309E-04
15	0.554385E-02	0.152773E-02	0.926206E-02	0.146025E-03	0.776127E-04	0.206088E-04
16	0.543595E-02	0.195716E-02	0.856178E-02	0.151013E-03	0.799925E-04	0.224714E-04
17	0.533808E-02	0.246336E-02	0.828708E-02	0.153063E-03	0.816193E-04	0.240405E-04
18	0.525411E-02	0.308284E-02	0.851652E-02	0.153682E-03	0.826373E-04	0.267814E-04
19	0.518605E-02	0.374959E-02	0.921190E-02	0.151742E-03	0.843536E-04	0.300641E-04
20	0.512680E-02	0.468570E-02	0.105931E-01	0.146319E-03	0.861441E-04	0.361516E-04
21	0.509625E-02	0.574061E-02	0.123736E-01	0.138244E-03	0.869839E-04	0.427029E-04
22	0.508932E-02	0.665797E-02	0.139883E-01	0.132044E-03	0.866677E-04	0.443316E-04
23	0.509081E-02	0.754834E-02	0.157170E-01	0.126104E-03	0.851692E-04	0.416193E-04
24	0.794355E-02	0.646280E-02	0.145204E-01	0.931828E-04	0.219957E-04	0.258295E-04
25	0.793988E-02	0.594086E-02	0.147354E-01	0.923309E-04	0.199981E-04	0.230240E-04
26	0.792821E-02	0.543546E-02	0.149011E-01	0.913402E-04	0.144649E-04	0.228998E-04
27	0.790833E-02	0.495173E-02	0.149116E-01	0.912020E-04	0.917990E-05	0.208303E-04
28	0.788015E-02	0.449172E-02	0.146433E-01	0.914683E-04	0.201067E-04	0.242186E-04
29	0.784222E-02	0.403520E-02	0.139613E-01	0.919792E-04	0.383998E-04	0.000000E+00
30	0.779309E-02	0.360160E-02	0.129669E-01	0.930504E-04	0.485969E-04	0.000000E+00
31	0.773036E-02	0.318558E-02	0.118428E-01	0.944700E-04	0.472917E-04	0.249236E-04
32	0.765713E-02	0.270868E-02	0.107672E-01	0.969357E-04	0.469990E-04	0.220557E-04
33	0.758059E-02	0.224660E-02	0.960157E-02	0.999542E-04	0.533753E-04	0.206238E-04
34	0.747874E-02	0.172052E-02	0.787968E-02	0.104524E-03	0.645888E-04	0.201935E-04
35	0.737074E-02	0.130499E-02	0.581619E-02	0.109579E-03	0.762105E-04	0.205149E-04
36	0.727901E-02	0.113986E-02	0.395573E-02	0.113779E-03	0.843298E-04	0.181029E-04
37	0.717607E-02	0.121768E-02	0.207337E-02	0.118118E-03	0.903136E-04	0.229636E-04
38	0.707465E-02	0.145715E-02	0.149886E-02	0.122450E-03	0.951805E-04	0.221762E-04
39	0.699052E-02	0.189586E-02	0.331005E-02	0.126846E-03	0.978266E-04	0.247700E-04
40	0.691780E-02	0.245799E-02	0.555093E-02	0.130767E-03	0.941957E-04	0.279129E-04
41	0.685688E-02	0.301531E-02	0.776379E-02	0.134045E-03	0.907192E-04	0.323254E-04
42	0.681316E-02	0.367120E-02	0.994446E-02	0.137044E-03	0.890652E-04	0.378502E-04
43	0.677862E-02	0.460142E-02	0.126178E-01	0.138857E-03	0.866752E-04	0.357407E-04
44	0.675671E-02	0.565511E-02	0.152105E-01	0.138055E-03	0.838079E-04	0.327568E-04
45	0.674229E-02	0.659099E-02	0.172295E-01	0.136312E-03	0.827257E-04	0.377543E-04
46	0.673503E-02	0.764392E-02	0.192447E-01	0.134221E-03	0.835051E-04	0.527674E-04
47	0.948842E-02	0.645094E-02	0.930267E-02	0.106972E-03	0.237270E-04	0.320136E-04
48	0.949207E-02	0.591623E-02	0.949944E-02	0.107504E-03	0.197375E-04	0.000000E+00
49	0.949401E-02	0.540351E-02	0.965584E-02	0.107926E-03	0.967310E-05	0.000000E+00
50	0.949405E-02	0.492006E-02	0.968632E-02	0.107973E-03	0.351526E-05	0.000000E+00
51	0.949043E-02	0.447110E-02	0.955014E-02	0.106099E-03	0.159313E-04	0.292009E-04

52	0.947948E-02	0.399487E-02	0.924296E-02	0.102571E-03	0.287109E-04	0.000000E+00
53	0.946144E-02	0.354530E-02	0.877950E-02	0.975753E-04	0.367567E-04	0.000000E+00
54	0.943832E-02	0.312151E-02	0.822368E-02	0.933936E-04	0.370546E-04	0.355821E-04
55	0.940932E-02	0.262904E-02	0.758286E-02	0.907223E-04	0.401299E-04	0.000000E+00
56	0.937599E-02	0.216403E-02	0.680259E-02	0.901402E-04	0.481838E-04	0.000000E+00
57	0.933087E-02	0.163241E-02	0.564077E-02	0.903607E-04	0.615778E-04	0.000000E+00
58	0.928205E-02	0.121061E-02	0.446318E-02	0.905520E-04	0.756753E-04	0.000000E+00
59	0.924119E-02	0.104525E-02	0.390376E-02	0.905897E-04	0.864884E-04	0.000000E+00
60	0.919940E-02	0.112402E-02	0.419724E-02	0.909649E-04	0.978029E-04	0.485219E-04
61	0.916116E-02	0.132496E-02	0.552104E-02	0.917534E-04	0.110083E-03	0.000000E+00
62	0.912576E-02	0.176007E-02	0.753664E-02	0.936178E-04	0.114032E-03	0.000000E+00
63	0.909170E-02	0.233188E-02	0.982868E-02	0.966025E-04	0.113320E-03	0.230117E-04
64	0.906838E-02	0.285677E-02	0.122695E-01	0.100521E-03	0.115811E-03	0.000000E+00
65	0.905257E-02	0.348873E-02	0.147693E-01	0.105856E-03	0.112904E-03	0.000000E+00
66	0.903737E-02	0.438148E-02	0.178172E-01	0.112569E-03	0.106019E-03	0.000000E+00
67	0.902244E-02	0.538976E-02	0.207019E-01	0.117430E-03	0.991387E-04	0.000000E+00
68	0.900998E-02	0.631338E-02	0.229160E-01	0.119725E-03	0.961433E-04	0.000000E+00
69	0.899427E-02	0.741459E-02	0.251278E-01	0.121188E-03	0.974698E-04	0.965297E-04
70	0.112235E-01	0.642339E-02	0.594785E-02	0.120476E-03	0.195716E-04	0.324329E-04
71	0.112315E-01	0.584808E-02	0.579234E-02	0.122358E-03	0.152422E-04	0.000000E+00
72	0.112453E-01	0.531521E-02	0.577176E-02	0.123459E-03	0.681009E-05	0.000000E+00
73	0.112577E-01	0.482150E-02	0.589776E-02	0.122746E-03	0.852691E-05	0.000000E+00
74	0.112720E-01	0.437022E-02	0.616486E-02	0.119532E-03	0.153481E-04	0.328991E-04
75	0.112798E-01	0.388691E-02	0.654994E-02	0.114053E-03	0.223179E-04	0.000000E+00
76	0.112842E-01	0.343439E-02	0.700910E-02	0.107397E-03	0.266558E-04	0.000000E+00
77	0.112875E-01	0.301641E-02	0.744689E-02	0.101312E-03	0.251448E-04	0.318143E-04
78	0.112861E-01	0.250165E-02	0.776782E-02	0.966020E-04	0.275676E-04	0.000000E+00
79	0.112834E-01	0.202029E-02	0.798661E-02	0.937544E-04	0.358010E-04	0.000000E+00
80	0.112788E-01	0.147437E-02	0.818626E-02	0.910201E-04	0.504081E-04	0.000000E+00
81	0.112759E-01	0.103184E-02	0.842879E-02	0.879822E-04	0.674052E-04	0.000000E+00
82	0.112740E-01	0.837892E-03	0.879386E-02	0.851349E-04	0.817529E-04	0.000000E+00
83	0.112736E-01	0.886002E-03	0.944979E-02	0.823082E-04	0.969055E-04	0.418063E-04
84	0.112741E-01	0.110534E-02	0.105546E-01	0.800463E-04	0.113778E-03	0.000000E+00
85	0.112735E-01	0.152697E-02	0.121794E-01	0.787710E-04	0.121840E-03	0.000000E+00
86	0.112674E-01	0.202864E-02	0.141681E-01	0.786706E-04	0.122674E-03	0.252840E-04
87	0.112735E-01	0.260087E-02	0.164462E-01	0.796729E-04	0.129765E-03	0.000000E+00
88	0.112894E-01	0.322007E-02	0.189501E-01	0.814796E-04	0.129929E-03	0.000000E+00
89	0.113123E-01	0.405273E-02	0.221385E-01	0.833774E-04	0.124386E-03	0.000000E+00
90	0.113319E-01	0.495651E-02	0.252282E-01	0.840265E-04	0.117822E-03	0.000000E+00
91	0.113357E-01	0.575077E-02	0.276380E-01	0.837017E-04	0.115438E-03	0.000000E+00
92	0.113158E-01	0.661919E-02	0.301062E-01	0.831103E-04	0.119332E-03	0.737744E-04
93	0.130896E-01	0.632659E-02	0.942393E-02	0.132422E-03	0.128129E-04	0.320768E-04
94	0.131146E-01	0.571052E-02	0.918991E-02	0.134901E-03	0.855146E-05	0.000000E+00
95	0.131314E-01	0.514675E-02	0.906454E-02	0.135838E-03	0.928178E-05	0.000000E+00
96	0.131552E-01	0.464563E-02	0.905756E-02	0.133464E-03	0.129588E-04	0.000000E+00
97	0.131627E-01	0.420174E-02	0.917928E-02	0.128280E-03	0.222875E-04	0.351031E-04
98	0.131698E-01	0.370505E-02	0.945511E-02	0.120488E-03	0.300749E-04	0.000000E+00
99	0.131745E-01	0.324749E-02	0.997071E-02	0.112137E-03	0.346605E-04	0.000000E+00
100	0.131780E-01	0.283061E-02	0.106292E-01	0.104928E-03	0.324327E-04	0.282934E-04
101	0.131807E-01	0.230149E-02	0.113020E-01	0.995009E-04	0.283030E-04	0.000000E+00
102	0.131846E-01	0.180645E-02	0.119669E-01	0.962429E-04	0.270151E-04	0.000000E+00
103	0.131999E-01	0.123827E-02	0.126901E-01	0.918353E-04	0.344198E-04	0.000000E+00
104	0.132170E-01	0.756867E-03	0.132408E-01	0.845269E-04	0.507952E-04	0.000000E+00
105	0.132398E-01	0.532048E-03	0.136279E-01	0.768282E-04	0.672371E-04	0.000000E+00
106	0.132641E-01	0.591683E-03	0.140937E-01	0.689675E-04	0.838213E-04	0.368656E-04
107	0.132909E-01	0.898475E-03	0.148111E-01	0.626726E-04	0.101995E-03	0.000000E+00
108	0.133153E-01	0.132793E-02	0.159396E-01	0.597092E-04	0.111387E-03	0.000000E+00
109	0.133325E-01	0.177461E-02	0.174272E-01	0.608842E-04	0.113118E-03	0.298784E-04
110	0.133633E-01	0.238316E-02	0.192551E-01	0.648312E-04	0.124229E-03	0.000000E+00
111	0.133984E-01	0.299168E-02	0.214013E-01	0.694865E-04	0.129105E-03	0.000000E+00

112	0.134452E-01	0.373966E-02	0.242796E-01	0.717679E-04	0.130827E-03	0.000000E+00
113	0.134722E-01	0.448730E-02	0.272080E-01	0.674269E-04	0.131153E-03	0.000000E+00
114	0.134768E-01	0.509180E-02	0.296018E-01	0.597307E-04	0.133380E-03	0.000000E+00
115	0.134505E-01	0.569812E-02	0.321576E-01	0.504576E-04	0.139260E-03	0.469510E-04
116	0.151329E-01	0.610263E-02	0.166226E-01	0.133773E-03	0.140716E-04	0.349062E-04
117	0.151321E-01	0.545432E-02	0.166881E-01	0.140260E-03	0.161352E-04	0.000000E+00
118	0.151483E-01	0.490040E-02	0.166538E-01	0.144340E-03	0.568324E-05	0.000000E+00
119	0.151040E-01	0.439491E-02	0.163706E-01	0.142718E-03	0.251982E-04	0.000000E+00
120	0.151031E-01	0.394011E-02	0.158962E-01	0.138450E-03	0.296195E-04	0.374666E-04
121	0.150773E-01	0.343867E-02	0.154905E-01	0.125646E-03	0.443990E-04	0.000000E+00
122	0.150487E-01	0.298101E-02	0.153699E-01	0.113169E-03	0.553766E-04	0.000000E+00
123	0.150266E-01	0.255662E-02	0.156359E-01	0.103592E-03	0.580473E-04	0.239415E-04
124	0.150108E-01	0.202534E-02	0.162628E-01	0.984342E-04	0.531349E-04	0.000000E+00
125	0.150126E-01	0.152478E-02	0.170538E-01	0.969995E-04	0.392437E-04	0.000000E+00
126	0.150099E-01	0.937546E-03	0.178235E-01	0.935316E-04	0.170463E-04	0.000000E+00
127	0.150447E-01	0.407180E-03	0.180461E-01	0.810497E-04	0.301221E-04	0.000000E+00
128	0.150687E-01	0.193407E-03	0.179059E-01	0.661294E-04	0.482211E-04	0.000000E+00
129	0.151092E-01	0.487076E-03	0.177143E-01	0.508033E-04	0.631384E-04	0.318144E-04
130	0.151526E-01	0.947513E-03	0.177439E-01	0.399869E-04	0.753057E-04	0.000000E+00
131	0.151938E-01	0.139241E-02	0.181943E-01	0.414249E-04	0.812079E-04	0.000000E+00
132	0.152285E-01	0.179961E-02	0.190664E-01	0.545958E-04	0.831438E-04	0.324873E-04
133	0.152732E-01	0.239958E-02	0.203525E-01	0.715265E-04	0.972603E-04	0.000000E+00
134	0.153277E-01	0.295460E-02	0.219579E-01	0.875281E-04	0.110878E-03	0.000000E+00
135	0.153688E-01	0.360742E-02	0.241107E-01	0.990512E-04	0.124493E-03	0.000000E+00
136	0.154102E-01	0.420997E-02	0.263144E-01	0.963727E-04	0.142553E-03	0.000000E+00
137	0.154036E-01	0.464638E-02	0.282384E-01	0.880870E-04	0.153460E-03	0.000000E+00
138	0.153773E-01	0.504452E-02	0.304913E-01	0.799942E-04	0.162080E-03	0.284810E-04
139	0.172147E-01	0.563869E-02	0.243552E-01	0.150696E-03	0.415237E-04	0.233560E-04
140	0.173089E-01	0.513687E-02	0.248832E-01	0.142592E-03	0.492975E-04	0.000000E+00
141	0.171781E-01	0.462595E-02	0.248511E-01	0.133174E-03	0.243730E-04	0.000000E+00
142	0.171704E-01	0.411091E-02	0.243196E-01	0.122730E-03	0.359575E-04	0.000000E+00
143	0.169593E-01	0.359743E-02	0.232131E-01	0.111821E-03	0.659829E-04	0.247445E-04
144	0.168360E-01	0.312423E-02	0.217954E-01	0.100365E-03	0.780125E-04	0.000000E+00
145	0.167694E-01	0.264942E-02	0.208189E-01	0.889387E-04	0.913832E-04	0.000000E+00
146	0.167438E-01	0.219845E-02	0.205930E-01	0.793219E-04	0.102589E-03	0.165744E-04
147	0.167299E-01	0.169991E-02	0.213017E-01	0.769713E-04	0.998105E-04	0.000000E+00
148	0.166967E-01	0.121617E-02	0.224024E-01	0.839395E-04	0.777055E-04	0.000000E+00
149	0.167417E-01	0.625546E-03	0.232580E-01	0.887937E-04	0.160198E-04	0.000000E+00
150	0.167143E-01	0.784360E-04	0.227977E-01	0.756482E-04	0.442639E-04	0.000000E+00
151	0.167641E-01	0.414852E-03	0.216049E-01	0.593608E-04	0.697280E-04	0.000000E+00
152	0.167985E-01	0.839736E-03	0.201908E-01	0.363801E-04	0.667860E-04	0.289801E-04
153	0.168344E-01	0.131493E-02	0.191866E-01	0.263236E-04	0.464805E-04	0.000000E+00
154	0.168785E-01	0.176454E-02	0.188138E-01	0.432929E-04	0.296877E-04	0.000000E+00
155	0.169342E-01	0.218813E-02	0.191332E-01	0.705045E-04	0.351784E-04	0.292196E-04
156	0.169958E-01	0.269425E-02	0.201915E-01	0.980211E-04	0.639325E-04	0.000000E+00
157	0.170241E-01	0.318306E-02	0.215324E-01	0.116195E-03	0.700323E-04	0.000000E+00
158	0.171279E-01	0.376278E-02	0.228991E-01	0.131753E-03	0.113716E-03	0.000000E+00
159	0.171290E-01	0.429894E-02	0.236823E-01	0.129496E-03	0.153014E-03	0.000000E+00
160	0.171686E-01	0.468657E-02	0.242640E-01	0.122687E-03	0.189414E-03	0.000000E+00
161	0.171494E-01	0.500440E-02	0.253262E-01	0.122895E-03	0.200216E-03	0.258534E-04
162	0.180803E-01	0.529006E-02	0.333086E-01	0.171859E-03	0.463689E-04	0.336650E-04
163	0.180762E-01	0.486249E-02	0.322299E-01	0.152703E-03	0.566673E-04	0.000000E+00
164	0.180997E-01	0.438408E-02	0.310080E-01	0.133831E-03	0.555224E-04	0.000000E+00
165	0.180740E-01	0.386148E-02	0.294968E-01	0.114199E-03	0.784310E-04	0.000000E+00
166	0.180964E-01	0.328196E-02	0.277396E-01	0.970357E-04	0.837431E-04	0.168535E-04
167	0.181044E-01	0.281561E-02	0.260001E-01	0.876413E-04	0.102180E-03	0.000000E+00
168	0.181314E-01	0.232181E-02	0.245704E-01	0.812419E-04	0.124891E-03	0.000000E+00
169	0.182018E-01	0.177881E-02	0.238666E-01	0.754903E-04	0.153986E-03	0.208799E-04
170	0.183272E-01	0.136162E-02	0.244188E-01	0.696638E-04	0.160358E-03	0.000000E+00
171	0.185390E-01	0.930226E-03	0.261205E-01	0.627382E-04	0.982828E-04	0.000000E+00

172	0.184412E-01	0.435228E-03	0.268082E-01	0.517621E-04	0.497368E-04	0.000000E+00
173	0.185466E-01	0.432119E-03	0.259283E-01	0.382788E-04	0.825482E-04	0.000000E+00
174	0.183486E-01	0.862311E-03	0.237122E-01	0.281396E-04	0.130757E-03	0.000000E+00
175	0.182564E-01	0.137235E-02	0.207820E-01	0.242324E-04	0.114270E-03	0.210250E-04
176	0.182311E-01	0.178157E-02	0.187067E-01	0.319817E-04	0.711094E-04	0.000000E+00
177	0.182556E-01	0.223319E-02	0.175742E-01	0.472360E-04	0.427621E-04	0.000000E+00
178	0.183423E-01	0.272512E-02	0.174688E-01	0.654133E-04	0.590352E-04	0.281873E-04
179	0.184973E-01	0.311766E-02	0.186339E-01	0.850120E-04	0.807129E-04	0.000000E+00
180	0.187411E-01	0.354432E-02	0.203814E-01	0.105392E-03	0.121627E-03	0.000000E+00
181	0.186810E-01	0.411636E-02	0.208361E-01	0.130156E-03	0.724009E-04	0.000000E+00
182	0.188337E-01	0.471389E-02	0.199658E-01	0.152139E-03	0.208978E-03	0.000000E+00
183	0.186682E-01	0.520934E-02	0.185628E-01	0.167568E-03	0.221682E-03	0.000000E+00
184	0.185931E-01	0.573747E-02	0.172041E-01	0.181765E-03	0.227056E-03	0.333885E-04
185	0.189920E-01	0.512695E-02	0.418714E-01	0.131061E-03	0.973129E-04	0.211454E-04
186	0.190168E-01	0.469367E-02	0.395980E-01	0.120299E-03	0.959983E-04	0.153123E-04
187	0.190662E-01	0.423170E-02	0.372572E-01	0.109060E-03	0.102136E-03	0.205247E-04
188	0.191258E-01	0.371395E-02	0.348105E-01	0.987563E-04	0.105190E-03	0.245467E-04
189	0.191589E-01	0.313898E-02	0.323167E-01	0.908138E-04	0.109628E-03	0.250028E-04
190	0.191892E-01	0.261308E-02	0.299164E-01	0.858694E-04	0.113138E-03	0.000000E+00
191	0.192284E-01	0.202372E-02	0.277577E-01	0.865166E-04	0.118722E-03	0.000000E+00
192	0.192684E-01	0.145034E-02	0.260246E-01	0.951558E-04	0.121180E-03	0.363151E-04
193	0.192818E-01	0.108617E-02	0.249529E-01	0.110119E-03	0.112840E-03	0.000000E+00
194	0.192585E-01	0.774631E-03	0.243159E-01	0.120824E-03	0.103086E-03	0.000000E+00
195	0.192908E-01	0.508963E-03	0.234270E-01	0.128677E-03	0.700126E-04	0.000000E+00
196	0.192354E-01	0.731002E-03	0.217191E-01	0.113959E-03	0.898618E-04	0.000000E+00
197	0.192421E-01	0.119568E-02	0.196944E-01	0.976435E-04	0.959837E-04	0.000000E+00
198	0.192241E-01	0.179492E-02	0.174209E-01	0.814621E-04	0.971870E-04	0.171088E-04
199	0.191969E-01	0.210217E-02	0.154901E-01	0.727284E-04	0.851091E-04	0.000000E+00
200	0.191721E-01	0.255315E-02	0.140511E-01	0.776422E-04	0.746641E-04	0.000000E+00
201	0.191609E-01	0.314048E-02	0.132354E-01	0.948225E-04	0.636315E-04	0.351790E-04
202	0.191437E-01	0.343343E-02	0.131486E-01	0.120522E-03	0.450052E-04	0.000000E+00
203	0.190892E-01	0.385089E-02	0.131240E-01	0.153979E-03	0.329714E-04	0.000000E+00
204	0.190883E-01	0.448642E-02	0.122581E-01	0.192466E-03	0.539663E-04	0.000000E+00
205	0.190136E-01	0.524112E-02	0.995313E-02	0.215119E-03	0.107709E-03	0.000000E+00
206	0.190237E-01	0.594237E-02	0.729148E-02	0.229485E-03	0.139523E-03	0.000000E+00
207	0.190220E-01	0.677740E-02	0.463188E-02	0.236025E-03	0.150150E-03	0.459941E-04
208	0.200854E-01	0.505840E-02	0.484379E-01	0.111982E-03	0.111046E-03	0.211661E-04
209	0.201109E-01	0.463512E-02	0.456755E-01	0.103564E-03	0.117818E-03	0.180324E-04
210	0.201781E-01	0.416751E-02	0.427700E-01	0.941882E-04	0.122257E-03	0.214442E-04
211	0.202696E-01	0.365967E-02	0.397677E-01	0.853108E-04	0.126695E-03	0.231074E-04
212	0.203700E-01	0.311528E-02	0.366770E-01	0.765169E-04	0.131180E-03	0.243949E-04
213	0.204490E-01	0.253823E-02	0.334527E-01	0.666359E-04	0.135161E-03	0.211371E-04
214	0.204886E-01	0.192459E-02	0.302472E-01	0.613431E-04	0.132637E-03	0.412471E-04
215	0.204628E-01	0.145470E-02	0.271438E-01	0.676423E-04	0.126410E-03	0.207998E-04
216	0.204308E-01	0.120922E-02	0.243846E-01	0.883706E-04	0.120170E-03	0.137549E-04
217	0.204151E-01	0.872925E-03	0.218130E-01	0.109959E-03	0.115130E-03	0.129866E-04
218	0.203782E-01	0.643264E-03	0.187864E-01	0.131131E-03	0.113232E-03	0.140912E-04
219	0.203409E-01	0.843217E-03	0.159223E-01	0.140496E-03	0.108178E-03	0.200202E-04
220	0.202853E-01	0.124737E-02	0.137623E-01	0.142757E-03	0.106948E-03	0.282617E-04
221	0.202064E-01	0.180249E-02	0.117100E-01	0.144324E-03	0.107082E-03	0.205479E-04
222	0.201155E-01	0.215012E-02	0.969662E-02	0.146329E-03	0.108295E-03	0.160574E-04
223	0.200292E-01	0.260843E-02	0.802953E-02	0.152759E-03	0.104146E-03	0.221970E-04
224	0.199211E-01	0.317550E-02	0.689368E-02	0.163328E-03	0.103834E-03	0.184298E-04
225	0.198036E-01	0.354826E-02	0.629644E-02	0.175298E-03	0.103919E-03	0.953310E-05
226	0.197025E-01	0.402235E-02	0.637734E-02	0.187920E-03	0.953035E-04	0.212222E-04
227	0.195675E-01	0.475651E-02	0.708221E-02	0.199652E-03	0.857981E-04	0.316805E-04
228	0.194534E-01	0.564956E-02	0.799096E-02	0.202402E-03	0.764852E-04	0.427258E-04
229	0.193734E-01	0.650576E-02	0.876604E-02	0.200800E-03	0.732561E-04	0.591002E-04
230	0.193570E-01	0.747758E-02	0.965280E-02	0.198977E-03	0.720443E-04	0.400392E-04
231	0.218093E-01	0.241653E-02	0.237947E-01	0.875327E-04	0.173883E-03	0.436609E-04

232	0.218201E-01	0.146086E-02	0.197165E-01	0.111164E-03	0.180000E-03	0.476976E-04
233	0.218263E-01	0.102832E-02	0.156240E-01	0.135715E-03	0.179980E-03	0.161326E-04
234	0.218303E-01	0.764794E-03	0.107496E-01	0.164183E-03	0.173859E-03	0.140174E-04
235	0.218054E-01	0.918184E-03	0.662282E-02	0.187328E-03	0.165732E-03	0.142192E-04
236	0.217655E-01	0.124914E-02	0.483861E-02	0.201118E-03	0.157536E-03	0.136528E-04
237	0.217047E-01	0.158622E-02	0.560814E-02	0.210995E-03	0.150062E-03	0.182305E-04
238	0.216263E-01	0.212201E-02	0.800751E-02	0.219010E-03	0.141795E-03	0.239655E-04
239	0.215330E-01	0.258948E-02	0.108245E-01	0.223830E-03	0.133679E-03	0.163719E-04
240	0.214392E-01	0.299031E-02	0.136312E-01	0.225383E-03	0.123559E-03	0.226749E-04
241	0.213547E-01	0.357145E-02	0.162691E-01	0.225579E-03	0.111658E-03	0.295650E-04
242	0.212845E-01	0.414652E-02	0.186514E-01	0.223209E-03	0.994571E-04	0.313438E-04
243	0.212363E-01	0.494378E-02	0.211440E-01	0.214144E-03	0.808167E-04	0.404776E-04
244	0.212276E-01	0.590582E-02	0.230590E-01	0.200585E-03	0.626252E-04	0.484975E-04
245	0.212509E-01	0.681848E-02	0.242358E-01	0.190726E-03	0.491640E-04	0.609180E-04
246	0.212736E-01	0.787877E-02	0.251943E-01	0.181649E-03	0.409319E-04	0.497047E-04
247	0.790552E-02	0.109652E-01	0.196700E-01	0.911777E-04	0.150884E-04	0.242861E-04
248	0.790982E-02	0.106487E-01	0.197632E-01	0.908666E-04	0.156971E-04	0.255289E-04
249	0.792845E-02	0.103041E-01	0.197555E-01	0.896627E-04	0.147340E-04	0.270189E-04
250	0.797201E-02	0.991761E-02	0.196367E-01	0.883329E-04	0.149436E-04	0.289374E-04
251	0.805151E-02	0.949011E-02	0.194183E-01	0.874256E-04	0.201625E-04	0.275354E-04
252	0.816410E-02	0.916111E-02	0.188003E-01	0.894555E-04	0.314198E-04	0.316066E-04
253	0.831868E-02	0.879226E-02	0.180447E-01	0.968160E-04	0.365161E-04	0.352213E-04
254	0.850985E-02	0.836299E-02	0.171415E-01	0.985232E-04	0.403762E-04	0.316624E-04
255	0.874126E-02	0.780196E-02	0.163386E-01	0.101370E-03	0.440673E-04	0.365382E-04
256	0.897863E-02	0.728970E-02	0.154060E-01	0.102363E-03	0.501178E-04	0.349977E-04
257	0.929299E-02	0.678451E-02	0.141015E-01	0.104665E-03	0.556614E-04	0.346785E-04
258	0.963175E-02	0.647780E-02	0.127036E-01	0.108627E-03	0.612316E-04	0.333788E-04
259	0.991884E-02	0.638785E-02	0.115545E-01	0.112945E-03	0.671219E-04	0.301708E-04
260	0.102142E-01	0.638395E-02	0.104500E-01	0.114981E-03	0.732641E-04	0.281438E-04
261	0.105047E-01	0.654439E-02	0.948608E-02	0.117808E-03	0.743565E-04	0.256174E-04
262	0.107810E-01	0.674033E-02	0.879106E-02	0.119088E-03	0.776265E-04	0.208454E-04
263	0.110402E-01	0.692712E-02	0.848860E-02	0.115848E-03	0.748620E-04	0.180831E-04
264	0.112777E-01	0.725543E-02	0.864680E-02	0.113800E-03	0.822048E-04	0.172315E-04
265	0.114946E-01	0.759456E-02	0.926842E-02	0.108943E-03	0.806587E-04	0.172257E-04
266	0.117332E-01	0.811736E-02	0.105948E-01	0.104491E-03	0.867929E-04	0.217722E-04
267	0.119204E-01	0.879918E-02	0.123837E-01	0.103777E-03	0.951596E-04	0.290801E-04
268	0.120169E-01	0.946934E-02	0.140489E-01	0.105076E-03	0.948073E-04	0.357407E-04
269	0.120536E-01	0.102101E-01	0.158350E-01	0.105591E-03	0.926972E-04	0.317297E-04
270	0.924572E-02	0.109761E-01	0.144222E-01	0.883203E-04	0.249510E-04	0.255584E-04
271	0.924816E-02	0.106848E-01	0.147249E-01	0.851488E-04	0.175133E-04	0.259365E-04
272	0.926177E-02	0.103408E-01	0.148603E-01	0.841454E-04	0.136788E-04	0.267664E-04
273	0.929218E-02	0.996109E-02	0.148862E-01	0.871962E-04	0.164138E-04	0.299282E-04
274	0.934649E-02	0.958641E-02	0.149287E-01	0.860250E-04	0.965509E-05	0.273512E-04
275	0.946844E-02	0.908901E-02	0.144711E-01	0.920441E-04	0.447179E-04	0.000000E+00
276	0.961230E-02	0.860822E-02	0.130373E-01	0.948297E-04	0.821922E-04	0.000000E+00
277	0.980397E-02	0.815674E-02	0.114683E-01	0.926141E-04	0.416345E-04	0.239638E-04
278	0.994867E-02	0.760733E-02	0.106352E-01	0.869583E-04	0.437308E-04	0.361550E-04
279	0.101241E-01	0.707842E-02	0.950045E-02	0.871265E-04	0.553149E-04	0.337045E-04
280	0.103756E-01	0.657491E-02	0.770959E-02	0.914698E-04	0.657735E-04	0.366629E-04
281	0.106519E-01	0.629820E-02	0.558165E-02	0.997104E-04	0.762142E-04	0.365784E-04
282	0.108842E-01	0.626284E-02	0.365796E-02	0.105301E-03	0.881933E-04	0.367628E-04
283	0.111254E-01	0.640160E-02	0.167263E-02	0.106899E-03	0.854959E-04	0.235814E-04
284	0.113538E-01	0.648799E-02	0.155730E-02	0.106330E-03	0.921257E-04	0.251960E-04
285	0.115450E-01	0.668434E-02	0.342227E-02	0.112627E-03	0.967385E-04	0.294034E-04
286	0.116983E-01	0.701243E-02	0.581742E-02	0.127006E-03	0.941828E-04	0.199259E-04
287	0.118238E-01	0.718929E-02	0.793215E-02	0.153989E-03	0.629970E-04	0.409779E-04
288	0.119175E-01	0.746673E-02	0.101652E-01	0.203542E-03	0.723104E-04	0.322087E-04
289	0.119949E-01	0.795931E-02	0.129309E-01	0.246086E-03	0.840089E-04	0.195932E-04
290	0.120442E-01	0.861701E-02	0.154711E-01	0.231574E-03	0.939392E-04	0.433165E-04
291	0.120745E-01	0.928590E-02	0.173299E-01	0.190612E-03	0.103941E-03	0.634522E-04

292	0.120906E-01	0.100954E-01	0.189190E-01	0.166559E-03	0.455051E-04	0.356964E-04
293	0.106698E-01	0.111534E-01	0.920622E-02	0.102715E-03	0.676064E-04	0.319604E-04
294	0.106664E-01	0.108685E-01	0.102497E-01	0.978549E-04	0.544459E-04	0.000000E+00
295	0.106663E-01	0.105356E-01	0.106791E-01	0.986717E-04	0.297486E-05	0.000000E+00
296	0.106726E-01	0.101887E-01	0.101970E-01	0.105325E-03	0.432915E-04	0.000000E+00
297	0.106873E-01	0.984007E-02	0.955225E-02	0.106902E-03	0.982633E-05	0.399616E-04
298	0.107042E-01	0.917955E-02	0.933551E-02	0.105488E-03	0.315542E-04	0.000000E+00
299	0.107291E-01	0.855417E-02	0.871002E-02	0.980631E-04	0.491893E-04	0.000000E+00
300	0.107613E-01	0.801086E-02	0.831720E-02	0.903180E-04	0.847936E-05	0.421235E-04
301	0.108106E-01	0.737072E-02	0.881504E-02	0.852882E-04	0.236289E-04	0.000000E+00
302	0.108586E-01	0.680105E-02	0.895836E-02	0.941628E-04	0.311678E-04	0.000000E+00
303	0.109257E-01	0.624455E-02	0.773473E-02	0.105345E-03	0.890197E-04	0.000000E+00
304	0.110052E-01	0.595214E-02	0.548759E-02	0.107932E-03	0.122982E-03	0.000000E+00
305	0.110787E-01	0.595651E-02	0.423846E-02	0.100303E-03	0.110346E-03	0.000000E+00
306	0.111595E-01	0.620884E-02	0.402357E-02	0.916026E-04	0.460099E-04	0.481412E-04
307	0.112342E-01	0.620577E-02	0.433086E-02	0.827907E-04	0.738170E-04	0.000000E+00
308	0.113064E-01	0.641585E-02	0.587986E-02	0.866913E-04	0.134643E-03	0.000000E+00
309	0.113765E-01	0.680996E-02	0.971649E-02	0.128421E-03	0.245819E-03	0.903706E-04
310	0.114151E-01	0.686435E-02	0.193878E-01	0.234924E-03	0.521315E-03	0.000000E+00
311	0.114395E-01	0.708291E-02	0.320094E-01	0.410177E-03	0.485572E-03	0.000000E+00
312	0.114567E-01	0.751817E-02	0.425117E-01	0.551037E-03	0.179207E-03	0.000000E+00
313	0.114676E-01	0.812134E-02	0.418201E-01	0.492017E-03	0.203731E-03	0.000000E+00
314	0.114769E-01	0.873964E-02	0.342172E-01	0.343217E-03	0.383638E-03	0.000000E+00
315	0.114899E-01	0.953762E-02	0.252008E-01	0.229288E-03	0.298755E-03	0.398663E-04
316	0.121469E-01	0.115641E-01	0.593893E-02	0.128053E-03	0.805343E-04	0.336715E-04
317	0.121347E-01	0.112215E-01	0.583229E-02	0.127164E-03	0.452126E-04	0.000000E+00
318	0.121127E-01	0.108549E-01	0.588259E-02	0.131731E-03	0.110435E-04	0.000000E+00
319	0.120882E-01	0.104855E-01	0.593270E-02	0.130964E-03	0.411045E-04	0.000000E+00
320	0.120668E-01	0.101462E-01	0.614320E-02	0.126442E-03	0.891976E-05	0.319787E-04
321	0.120525E-01	0.938785E-02	0.646620E-02	0.116956E-03	0.262262E-04	0.000000E+00
322	0.120369E-01	0.869096E-02	0.693218E-02	0.110102E-03	0.340032E-04	0.000000E+00
323	0.120240E-01	0.806770E-02	0.755701E-02	0.110249E-03	0.387883E-04	0.364811E-04
324	0.120169E-01	0.725296E-02	0.888107E-02	0.116276E-03	0.685769E-04	0.000000E+00
325	0.120083E-01	0.654264E-02	0.103254E-01	0.135061E-03	0.668530E-04	0.000000E+00
326	0.119968E-01	0.584741E-02	0.110900E-01	0.148420E-03	0.965859E-04	0.000000E+00
327	0.119869E-01	0.544136E-02	0.107713E-01	0.136224E-03	0.121543E-03	0.000000E+00
328	0.119810E-01	0.538416E-02	0.102099E-01	0.111419E-03	0.994260E-04	0.000000E+00
329	0.119776E-01	0.557673E-02	0.944848E-02	0.897349E-04	0.395893E-04	0.299077E-04
330	0.119729E-01	0.557515E-02	0.902926E-02	0.758982E-04	0.292357E-04	0.000000E+00
331	0.119700E-01	0.576564E-02	0.990771E-02	0.753047E-04	0.167836E-03	0.000000E+00
332	0.119709E-01	0.613046E-02	0.144962E-01	0.909299E-04	0.432397E-03	0.584855E-04
333	0.119507E-01	0.623051E-02	0.309928E-01	0.154491E-03	0.977663E-03	0.000000E+00
334	0.119192E-01	0.645382E-02	0.536221E-01	0.274497E-03	0.899488E-03	0.000000E+00
335	0.118705E-01	0.688196E-02	0.713903E-01	0.367580E-03	0.255764E-03	0.000000E+00
336	0.118192E-01	0.744716E-02	0.669444E-01	0.316746E-03	0.528209E-03	0.000000E+00
337	0.117839E-01	0.799541E-02	0.496736E-01	0.201281E-03	0.872500E-03	0.000000E+00
338	0.117669E-01	0.864779E-02	0.302669E-01	0.110202E-03	0.657412E-03	0.288130E-04
339	0.135933E-01	0.120950E-01	0.956627E-02	0.138329E-03	0.748718E-04	0.291079E-04
340	0.135715E-01	0.116653E-01	0.852838E-02	0.140182E-03	0.198907E-04	0.000000E+00
341	0.135380E-01	0.112382E-01	0.852227E-02	0.146478E-03	0.170719E-04	0.000000E+00
342	0.135007E-01	0.108154E-01	0.907132E-02	0.142162E-03	0.250473E-04	0.000000E+00
343	0.134652E-01	0.104237E-01	0.931252E-02	0.133169E-03	0.361326E-04	0.267713E-04
344	0.134314E-01	0.955841E-02	0.947336E-02	0.119065E-03	0.289719E-04	0.000000E+00
345	0.133956E-01	0.875242E-02	0.101048E-01	0.110395E-03	0.353783E-04	0.000000E+00
346	0.133629E-01	0.805322E-02	0.108126E-01	0.113554E-03	0.507250E-04	0.318466E-04
347	0.133384E-01	0.709174E-02	0.126982E-01	0.124206E-03	0.112861E-03	0.000000E+00
348	0.133135E-01	0.623499E-02	0.155015E-01	0.146896E-03	0.119764E-03	0.000000E+00
349	0.132819E-01	0.534752E-02	0.180154E-01	0.157269E-03	0.860351E-04	0.000000E+00
350	0.132487E-01	0.474702E-02	0.180978E-01	0.133377E-03	0.856590E-04	0.000000E+00
351	0.132192E-01	0.454696E-02	0.164245E-01	0.997437E-04	0.102989E-03	0.000000E+00

352	0.131867E-01	0.465045E-02	0.141321E-01	0.759797E-04	0.951921E-04	0.245437E-04
353	0.131478E-01	0.461701E-02	0.130644E-01	0.634152E-04	0.145476E-04	0.000000E+00
354	0.131103E-01	0.483146E-02	0.135344E-01	0.623586E-04	0.172383E-03	0.000000E+00
355	0.130764E-01	0.526732E-02	0.177532E-01	0.627286E-04	0.506471E-03	0.337543E-04
356	0.130295E-01	0.544795E-02	0.364951E-01	0.642917E-04	0.117376E-02	0.000000E+00
357	0.129797E-01	0.574897E-02	0.634746E-01	0.782184E-04	0.108178E-02	0.000000E+00
358	0.129153E-01	0.626396E-02	0.845901E-01	0.940545E-04	0.290452E-03	0.000000E+00
359	0.128499E-01	0.690769E-02	0.783569E-01	0.843589E-04	0.673994E-03	0.000000E+00
360	0.128010E-01	0.750661E-02	0.565736E-01	0.631406E-04	0.109258E-02	0.000000E+00
361	0.127612E-01	0.817714E-02	0.323229E-01	0.538990E-04	0.834933E-03	0.262186E-04
362	0.148760E-01	0.126775E-01	0.165553E-01	0.149317E-03	0.672463E-04	0.185052E-04
363	0.148487E-01	0.121887E-01	0.159634E-01	0.150054E-03	0.263449E-04	0.000000E+00
364	0.148273E-01	0.116206E-01	0.163370E-01	0.151625E-03	0.190658E-04	0.000000E+00
365	0.148002E-01	0.110644E-01	0.165070E-01	0.141186E-03	0.356080E-04	0.000000E+00
366	0.147579E-01	0.105770E-01	0.158759E-01	0.128568E-03	0.729572E-04	0.246349E-04
367	0.147095E-01	0.958137E-02	0.152797E-01	0.112372E-03	0.550600E-04	0.000000E+00
368	0.146650E-01	0.867877E-02	0.153276E-01	0.102274E-03	0.521624E-04	0.000000E+00
369	0.146217E-01	0.786006E-02	0.157122E-01	0.103258E-03	0.526592E-04	0.215083E-04
370	0.145898E-01	0.681255E-02	0.181103E-01	0.109516E-03	0.152375E-03	0.000000E+00
371	0.145669E-01	0.584365E-02	0.219150E-01	0.123807E-03	0.156814E-03	0.000000E+00
372	0.145485E-01	0.476805E-02	0.251518E-01	0.124680E-03	0.627599E-04	0.000000E+00
373	0.145297E-01	0.391746E-02	0.245499E-01	0.982031E-04	0.927513E-04	0.000000E+00
374	0.145067E-01	0.351133E-02	0.214362E-01	0.695413E-04	0.162861E-03	0.000000E+00
375	0.144722E-01	0.346503E-02	0.178242E-01	0.534649E-04	0.148322E-03	0.241930E-04
376	0.144256E-01	0.343682E-02	0.163341E-01	0.466802E-04	0.462781E-04	0.000000E+00
377	0.143814E-01	0.376918E-02	0.164259E-01	0.463060E-04	0.147802E-03	0.000000E+00
378	0.143392E-01	0.442361E-02	0.192416E-01	0.604096E-04	0.468496E-03	0.186465E-04
379	0.142931E-01	0.475277E-02	0.353400E-01	0.977541E-04	0.111144E-02	0.000000E+00
380	0.142574E-01	0.521143E-02	0.604685E-01	0.157055E-03	0.103711E-02	0.000000E+00
381	0.142191E-01	0.594504E-02	0.806740E-01	0.199557E-03	0.290483E-03	0.000000E+00
382	0.141752E-01	0.684135E-02	0.749142E-01	0.175890E-03	0.637467E-03	0.000000E+00
383	0.141274E-01	0.768297E-02	0.541058E-01	0.126560E-03	0.104972E-02	0.000000E+00
384	0.140701E-01	0.865443E-02	0.307285E-01	0.935638E-04	0.825221E-03	0.382779E-04
385	0.159250E-01	0.135642E-01	0.246808E-01	0.160263E-03	0.581585E-04	0.160458E-04
386	0.159011E-01	0.127100E-01	0.245001E-01	0.155669E-03	0.378839E-04	0.000000E+00
387	0.158988E-01	0.119111E-01	0.247790E-01	0.147678E-03	0.111377E-04	0.000000E+00
388	0.158931E-01	0.111784E-01	0.239729E-01	0.131895E-03	0.839333E-04	0.000000E+00
389	0.158573E-01	0.105060E-01	0.220906E-01	0.119286E-03	0.111190E-03	0.173882E-04
390	0.158088E-01	0.948390E-02	0.208017E-01	0.105702E-03	0.874309E-04	0.000000E+00
391	0.157710E-01	0.848705E-02	0.202685E-01	0.946937E-04	0.802576E-04	0.000000E+00
392	0.157135E-01	0.754057E-02	0.202076E-01	0.901617E-04	0.462978E-04	0.961517E-05
393	0.156691E-01	0.646923E-02	0.226135E-01	0.866603E-04	0.160384E-03	0.000000E+00
394	0.156591E-01	0.543328E-02	0.265549E-01	0.863330E-04	0.158016E-03	0.000000E+00
395	0.156697E-01	0.419559E-02	0.295410E-01	0.748742E-04	0.318337E-04	0.000000E+00
396	0.156867E-01	0.307808E-02	0.280634E-01	0.482594E-04	0.131826E-03	0.000000E+00
397	0.156893E-01	0.237379E-02	0.240743E-01	0.259076E-04	0.210352E-03	0.000000E+00
398	0.156657E-01	0.206599E-02	0.199134E-01	0.164925E-04	0.176672E-03	0.259555E-04
399	0.156260E-01	0.213818E-02	0.182470E-01	0.138692E-04	0.737245E-04	0.000000E+00
400	0.155995E-01	0.276501E-02	0.179283E-01	0.195271E-04	0.941380E-04	0.000000E+00
401	0.155669E-01	0.377033E-02	0.188407E-01	0.718917E-04	0.342461E-03	0.289725E-04
402	0.155381E-01	0.432196E-02	0.287606E-01	0.162425E-03	0.843591E-03	0.000000E+00
403	0.155402E-01	0.502369E-02	0.469792E-01	0.291239E-03	0.806088E-03	0.000000E+00
404	0.155598E-01	0.607578E-02	0.626279E-01	0.387631E-03	0.251454E-03	0.000000E+00
405	0.155693E-01	0.733298E-02	0.588635E-01	0.348213E-03	0.465074E-03	0.000000E+00
406	0.155504E-01	0.850251E-02	0.433108E-01	0.246671E-03	0.797859E-03	0.000000E+00
407	0.154898E-01	0.984820E-02	0.254422E-01	0.166594E-03	0.662269E-03	0.465359E-04
408	0.167171E-01	0.142141E-01	0.332365E-01	0.148256E-03	0.628031E-04	0.232460E-04
409	0.166932E-01	0.130258E-01	0.328996E-01	0.135250E-03	0.348446E-04	0.000000E+00
410	0.166938E-01	0.120738E-01	0.324886E-01	0.116057E-03	0.460044E-04	0.000000E+00
411	0.167084E-01	0.112035E-01	0.306307E-01	0.102591E-03	0.122579E-03	0.000000E+00

412	0.167180E-01	0.103674E-01	0.278611E-01	0.969368E-04	0.126096E-03	0.851603E-05
413	0.167032E-01	0.928793E-02	0.259381E-01	0.951477E-04	0.104930E-03	0.000000E+00
414	0.166678E-01	0.829882E-02	0.245679E-01	0.877096E-04	0.103997E-03	0.000000E+00
415	0.166106E-01	0.731715E-02	0.236570E-01	0.795987E-04	0.475340E-04	0.166952E-04
416	0.165675E-01	0.617748E-02	0.251727E-01	0.694408E-04	0.116625E-03	0.000000E+00
417	0.165574E-01	0.506175E-02	0.279838E-01	0.657669E-04	0.107726E-03	0.000000E+00
418	0.165857E-01	0.374044E-02	0.296055E-01	0.680508E-04	0.298619E-04	0.000000E+00
419	0.166448E-01	0.246110E-02	0.273367E-01	0.608366E-04	0.159946E-03	0.000000E+00
420	0.166909E-01	0.144164E-02	0.233175E-01	0.459433E-04	0.220507E-03	0.000000E+00
421	0.167002E-01	0.553732E-03	0.194260E-01	0.371393E-04	0.179187E-03	0.191849E-04
422	0.166965E-01	0.109426E-02	0.177451E-01	0.321056E-04	0.857872E-04	0.000000E+00
423	0.167217E-01	0.216938E-02	0.170552E-01	0.414716E-04	0.449506E-04	0.000000E+00
424	0.167229E-01	0.337335E-02	0.164775E-01	0.924328E-04	0.174435E-03	0.456477E-04
425	0.167277E-01	0.422328E-02	0.192769E-01	0.191208E-03	0.461142E-03	0.000000E+00
426	0.167781E-01	0.517093E-02	0.276833E-01	0.338495E-03	0.466564E-03	0.000000E+00
427	0.168543E-01	0.651851E-02	0.363143E-01	0.457241E-03	0.175921E-03	0.000000E+00
428	0.169097E-01	0.810127E-02	0.347517E-01	0.425581E-03	0.237096E-03	0.000000E+00
429	0.169165E-01	0.960847E-02	0.263234E-01	0.317523E-03	0.444878E-03	0.000000E+00
430	0.168642E-01	0.113480E-01	0.161170E-01	0.228708E-03	0.417099E-03	0.325019E-04
431	0.172402E-01	0.139983E-01	0.420583E-01	0.124635E-03	0.976941E-04	0.304187E-04
432	0.172217E-01	0.131082E-01	0.398377E-01	0.112049E-03	0.958632E-04	0.372275E-04
433	0.172020E-01	0.121691E-01	0.374855E-01	0.973585E-04	0.104828E-03	0.376031E-04
434	0.171987E-01	0.112234E-01	0.349284E-01	0.887257E-04	0.114558E-03	0.438128E-04
435	0.172400E-01	0.102912E-01	0.321634E-01	0.791138E-04	0.110919E-03	0.258094E-04
436	0.173354E-01	0.914559E-02	0.299802E-01	0.818282E-04	0.110864E-03	0.000000E+00
437	0.173817E-01	0.799462E-02	0.278308E-01	0.770476E-04	0.131020E-03	0.000000E+00
438	0.173242E-01	0.711719E-02	0.258592E-01	0.683086E-04	0.743517E-04	0.231883E-04
439	0.172551E-01	0.584366E-02	0.256294E-01	0.623023E-04	0.208899E-04	0.000000E+00
440	0.172499E-01	0.475486E-02	0.260949E-01	0.745157E-04	0.204703E-04	0.000000E+00
441	0.173146E-01	0.348686E-02	0.254310E-01	0.100563E-03	0.774304E-04	0.000000E+00
442	0.174193E-01	0.223093E-02	0.226773E-01	0.982297E-04	0.150479E-03	0.000000E+00
443	0.175130E-01	0.123150E-02	0.195051E-01	0.761727E-04	0.178463E-03	0.000000E+00
444	0.175948E-01	0.708180E-03	0.165524E-01	0.661186E-04	0.145084E-03	0.766829E-05
445	0.176725E-01	0.105181E-02	0.148796E-01	0.567349E-04	0.973760E-04	0.000000E+00
446	0.177648E-01	0.215863E-02	0.137113E-01	0.608437E-04	0.628363E-04	0.000000E+00
447	0.178438E-01	0.339232E-02	0.122226E-01	0.881769E-04	0.757548E-04	0.494126E-04
448	0.179152E-01	0.437544E-02	0.105566E-01	0.150945E-03	0.135694E-03	0.000000E+00
449	0.180049E-01	0.548702E-02	0.100094E-01	0.259843E-03	0.153869E-03	0.000000E+00
450	0.181119E-01	0.702767E-02	0.108164E-01	0.363299E-03	0.847168E-04	0.000000E+00
451	0.181882E-01	0.880244E-02	0.999668E-02	0.367693E-03	0.623332E-04	0.000000E+00
452	0.182049E-01	0.104636E-01	0.753773E-02	0.308685E-03	0.122213E-03	0.000000E+00
453	0.181585E-01	0.125514E-01	0.452214E-02	0.257315E-03	0.169663E-03	0.728739E-05
454	0.180759E-01	0.137501E-01	0.488804E-01	0.121773E-03	0.120014E-03	0.241967E-04
455	0.180332E-01	0.130770E-01	0.459434E-01	0.114410E-03	0.124054E-03	0.321864E-04
456	0.179348E-01	0.122296E-01	0.430001E-01	0.106329E-03	0.124229E-03	0.381165E-04
457	0.178141E-01	0.112830E-01	0.399986E-01	0.990976E-04	0.127154E-03	0.430593E-04
458	0.177019E-01	0.102529E-01	0.369541E-01	0.883701E-04	0.130086E-03	0.414742E-04
459	0.176081E-01	0.915015E-02	0.336945E-01	0.771278E-04	0.139213E-03	0.528879E-04
460	0.175803E-01	0.792847E-02	0.303796E-01	0.682336E-04	0.148082E-03	0.873262E-04
461	0.176868E-01	0.654566E-02	0.269471E-01	0.572519E-04	0.112664E-03	0.397319E-04
462	0.177924E-01	0.553308E-02	0.245788E-01	0.625204E-04	0.109950E-03	0.450157E-04
463	0.179073E-01	0.457111E-02	0.221163E-01	0.757759E-04	0.118567E-03	0.384335E-04
464	0.180426E-01	0.338735E-02	0.190371E-01	0.928932E-04	0.114299E-03	0.402151E-04
465	0.181737E-01	0.218602E-02	0.161764E-01	0.101818E-03	0.106323E-03	0.456041E-04
466	0.182920E-01	0.126883E-02	0.142599E-01	0.103404E-03	0.944743E-04	0.509683E-04
467	0.184610E-01	0.920040E-03	0.128137E-01	0.110236E-03	0.109196E-03	0.416585E-04
468	0.186277E-01	0.127580E-02	0.104512E-01	0.108424E-03	0.117005E-03	0.515019E-04
469	0.187560E-01	0.232514E-02	0.880903E-02	0.112628E-03	0.942586E-04	0.482383E-04
470	0.189239E-01	0.350380E-02	0.794288E-02	0.124073E-03	0.107834E-03	0.425978E-04
471	0.190948E-01	0.462733E-02	0.644948E-02	0.130835E-03	0.129638E-03	0.418907E-04

472	0.192201E-01	0.585256E-02	0.599054E-02	0.149107E-03	0.108428E-03	0.434756E-04
473	0.193590E-01	0.750015E-02	0.654310E-02	0.174269E-03	0.909828E-04	0.545961E-04
474	0.194763E-01	0.928929E-02	0.769698E-02	0.189480E-03	0.765044E-04	0.686074E-04
475	0.195356E-01	0.108692E-01	0.875161E-02	0.190737E-03	0.683787E-04	0.869827E-04
476	0.195327E-01	0.125494E-01	0.991921E-02	0.196372E-03	0.736566E-04	0.517497E-04
477	0.217115E-01	0.644139E-02	0.242234E-01	0.584007E-04	0.180244E-03	0.711610E-04
478	0.215766E-01	0.540826E-02	0.197635E-01	0.634668E-04	0.201088E-03	0.638583E-04
479	0.213710E-01	0.450595E-02	0.155563E-01	0.709479E-04	0.183869E-03	0.406862E-04
480	0.210779E-01	0.333285E-02	0.106975E-01	0.817401E-04	0.176560E-03	0.402288E-04
481	0.207999E-01	0.213685E-02	0.661477E-02	0.943501E-04	0.166718E-03	0.418930E-04
482	0.206136E-01	0.121338E-02	0.490185E-02	0.105417E-03	0.162217E-03	0.448404E-04
483	0.204652E-01	0.621712E-03	0.576240E-02	0.111065E-03	0.149157E-03	0.457380E-04
484	0.203508E-01	0.148078E-02	0.818420E-02	0.123607E-03	0.140354E-03	0.473546E-04
485	0.202584E-01	0.253582E-02	0.109920E-01	0.130380E-03	0.134365E-03	0.493986E-04
486	0.201684E-01	0.367050E-02	0.137664E-01	0.131570E-03	0.122008E-03	0.511992E-04
487	0.200690E-01	0.493395E-02	0.163420E-01	0.139304E-03	0.106476E-03	0.539702E-04
488	0.199551E-01	0.622523E-02	0.186386E-01	0.141615E-03	0.949041E-04	0.557129E-04
489	0.197953E-01	0.790007E-02	0.210765E-01	0.146112E-03	0.780317E-04	0.584382E-04
490	0.196391E-01	0.962914E-02	0.230108E-01	0.152407E-03	0.603247E-04	0.602422E-04
491	0.195343E-01	0.109614E-01	0.241779E-01	0.157339E-03	0.516466E-04	0.626738E-04
492	0.194755E-01	0.120904E-01	0.250544E-01	0.158879E-03	0.485669E-04	0.425625E-04
493	0.257450E+02	0.118762E-02	0.257443E+02	0.317892E-03	0.128660E+01	0.000000E+00
494	0.257450E+02	0.101787E-02	0.257446E+02	0.256558E-03	0.128662E+01	0.000000E+00
495	0.259526E+02	0.595454E-03	0.259526E+02	0.919463E-04	0.129696E+01	0.000000E+00
496	0.259526E+02	0.502587E-03	0.259528E+02	0.506495E-04	0.129695E+01	0.000000E+00
497	0.259525E+02	0.736803E-03	0.259537E+02	0.207802E-03	0.129690E+01	0.000000E+00
498	0.259524E+02	0.936890E-03	0.259542E+02	0.278007E-03	0.129687E+01	0.000000E+00
499	0.379941E-02	0.977025E-03	0.167645E-02	0.159105E-03	0.938290E-03	0.000000E+00

MAXIMUM X1 = 0.25952608E+02 AT NODE 495
 MAXIMUM X2 = 0.14214075E-01 AT NODE 408
 MAXIMUM X3 = 0.25954178E+02 AT NODE 498
 MAXIMUM X4 = 0.55103650E-03 AT NODE 312
 MAXIMUM X5 = 0.12969643E+01 AT NODE 495
 MAXIMUM X6 = 0.96529709E-04 AT NODE 69

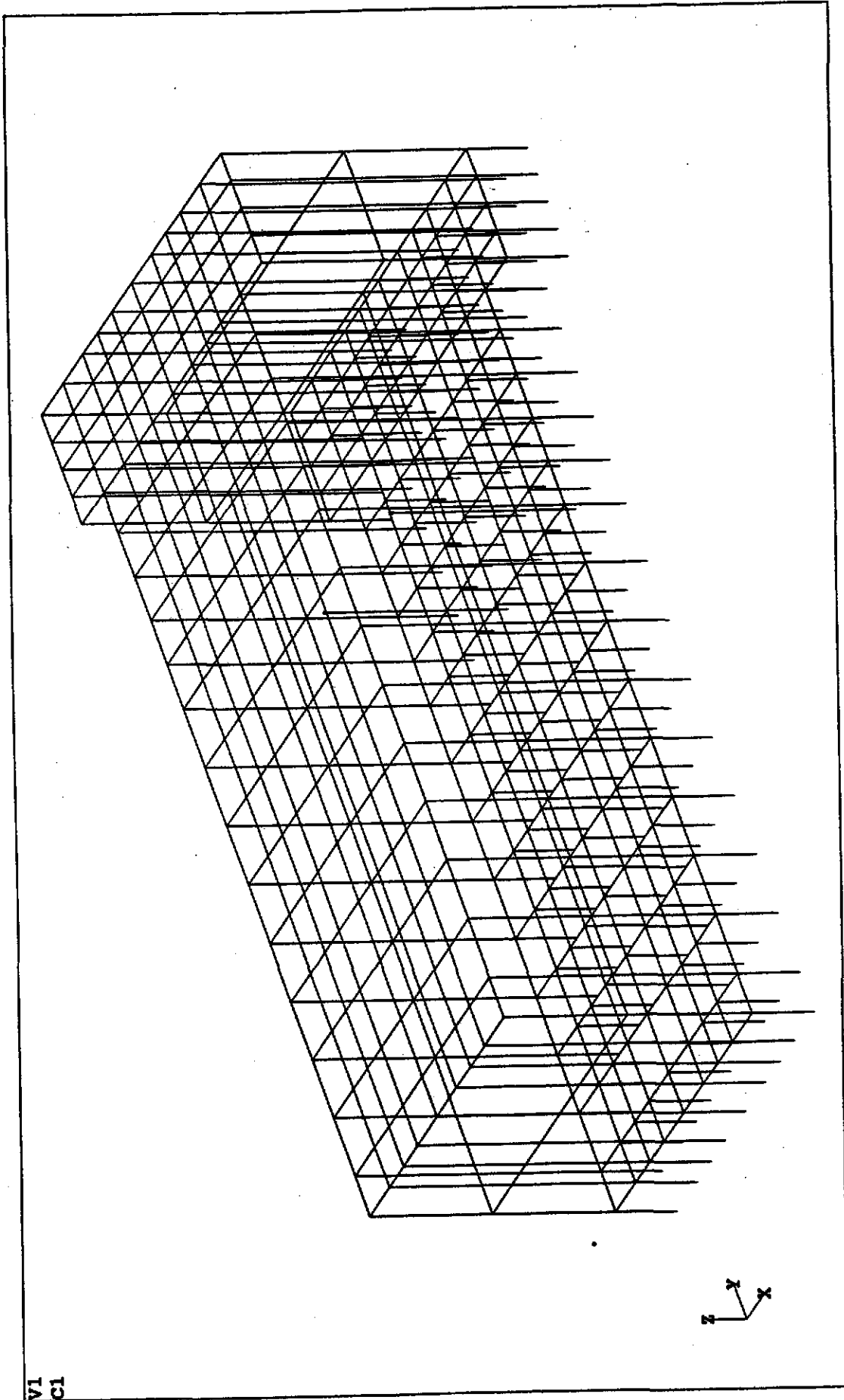
*CURRENT FILE COUNT ON TAPE68 (DYNRES TAPE85 FORMAT) = 0

CURRENT FRAME COUNT ON PLOT FILE = 23

PROCESSING FOR MODEL NUMBER 1 IS COMPLETE.

HVAC VIBRATION MODEL

(FILE: HVM01.SDN)



VI
c1

(FILE: HVMO1.SDN)

START 386.4

*****X

Written by : FEMAP X
Version : 4.30 X
From Model :HVM01.SDN X
Date : Thu Oct 05 14:14:37 1995 X

MATLG,1,MATL 1 - G,1000.,0.3,0.,0.,
MATLG,2,MATL 2 - G,7399.09,0.37,0.,0.,
MATLG,3,MATL 1 - G,3600000.,0.3,0.086805,0.,
MATLG,4,MATL 2 - G,3600000.,0.3,0.086805,0.,
MATLG,5,MATL 3 - G,3600000.,0.3,0.086805,0.,
MATLG,6,MATL 4 - G,3600000.,0.3,0.086805,0.,

END

NODE,	1,	18.,	0.,	0.
NODE,	2,	34.5,	0.,	0.
NODE,	3,	46.5,	0.,	0.
NODE,	4,	58.5,	0.,	0.
NODE,	5,	75.,	0.,	0.
NODE,	6,	91.5,	0.,	0.
NODE,	7,	103.5,	0.,	0.
NODE,	8,	115.5,	0.,	0.
NODE,	9,	132.,	0.,	0.
NODE,	10,	18.,	16.5,	0.
NODE,	11,	34.5,	16.5,	0.
NODE,	12,	46.5,	16.5,	0.
NODE,	13,	58.5,	16.5,	0.
NODE,	14,	75.,	16.5,	0.
NODE,	15,	91.5,	16.5,	0.
NODE,	16,	103.5,	16.5,	0.
NODE,	17,	115.5,	16.5,	0.
NODE,	18,	132.,	16.5,	0.
NODE,	19,	18.,	40.5,	0.
NODE,	20,	34.5,	40.5,	0.
NODE,	21,	46.5,	40.5,	0.
NODE,	22,	58.5,	40.5,	0.
NODE,	23,	75.,	40.5,	0.
NODE,	24,	91.5,	40.5,	0.
NODE,	25,	103.5,	40.5,	0.
NODE,	26,	115.5,	40.5,	0.
NODE,	27,	132.,	40.5,	0.
NODE,	28,	18.,	64.5,	0.
NODE,	29,	34.5,	64.5,	0.
NODE,	30,	46.5,	64.5,	0.
NODE,	31,	58.5,	64.5,	0.
NODE,	32,	75.,	64.5,	0.
NODE,	33,	91.5,	64.5,	0.
NODE,	34,	103.5,	64.5,	0.
NODE,	35,	115.5,	64.5,	0.
NODE,	36,	132.,	64.5,	0.
NODE,	37,	18.,	88.5,	0.
NODE,	38,	34.5,	88.5,	0.
NODE,	39,	46.5,	88.5,	0.
NODE,	40,	58.5,	88.5,	0.

NODE,	41,	75.,	88.5,	0.
NODE,	42,	91.5,	88.5,	0.
NODE,	43,	103.5,	88.5,	0.
NODE,	44,	115.5,	88.5,	0.
NODE,	45,	132.,	88.5,	0.
NODE,	46,	18.,	112.5,	0.
NODE,	47,	34.5,	112.5,	0.
NODE,	48,	46.5,	112.5,	0.
NODE,	49,	58.5,	112.5,	0.
NODE,	50,	75.,	112.5,	0.
NODE,	51,	91.5,	112.5,	0.
NODE,	52,	103.5,	112.5,	0.
NODE,	53,	115.5,	112.5,	0.
NODE,	54,	132.,	112.5,	0.
NODE,	55,	18.,	136.5,	0.
NODE,	56,	34.5,	136.5,	0.
NODE,	57,	46.5,	136.5,	0.
NODE,	58,	58.5,	136.5,	0.
NODE,	59,	75.,	136.5,	0.
NODE,	60,	91.5,	136.5,	0.
NODE,	61,	103.5,	136.5,	0.
NODE,	62,	115.5,	136.5,	0.
NODE,	63,	132.,	136.5,	0.
NODE,	64,	18.,	160.5,	0.
NODE,	65,	34.5,	160.5,	0.
NODE,	66,	46.5,	160.5,	0.
NODE,	67,	58.5,	160.5,	0.
NODE,	68,	75.,	160.5,	0.
NODE,	69,	91.5,	160.5,	0.
NODE,	70,	103.5,	160.5,	0.
NODE,	71,	115.5,	160.5,	0.
NODE,	72,	132.,	160.5,	0.
NODE,	73,	18.,	184.5,	0.
NODE,	74,	34.5,	184.5,	0.
NODE,	75,	46.5,	184.5,	0.
NODE,	76,	58.5,	184.5,	0.
NODE,	77,	75.,	184.5,	0.
NODE,	78,	91.5,	184.5,	0.
NODE,	79,	103.5,	184.5,	0.
NODE,	80,	115.5,	184.5,	0.
NODE,	81,	132.,	184.5,	0.
NODE,	82,	18.,	208.5,	0.
NODE,	83,	34.5,	208.5,	0.
NODE,	84,	46.5,	208.5,	0.
NODE,	85,	58.5,	208.5,	0.
NODE,	86,	75.,	208.5,	0.
NODE,	87,	91.5,	208.5,	0.
NODE,	88,	103.5,	208.5,	0.
NODE,	89,	115.5,	208.5,	0.
NODE,	90,	132.,	208.5,	0.
NODE,	91,	18.,	226.5,	0.
NODE,	92,	34.5,	226.5,	0.
NODE,	93,	46.5,	226.5,	0.
NODE,	94,	58.5,	226.5,	0.

NODE,	95,	75.,	226.5,	0.
NODE,	96,	91.5,	226.5,	0.
NODE,	97,	103.5,	226.5,	0.
NODE,	98,	115.5,	226.5,	0.
NODE,	99,	132.,	226.5,	0.
NODE,	100,	18.,	244.5,	0.
NODE,	101,	34.5,	244.5,	0.
NODE,	102,	46.5,	244.5,	0.
NODE,	103,	58.5,	244.5,	0.
NODE,	104,	75.,	244.5,	0.
NODE,	105,	91.5,	244.5,	0.
NODE,	106,	103.5,	244.5,	0.
NODE,	107,	115.5,	244.5,	0.
NODE,	108,	132.,	244.5,	0.
NODE,	109,	18.,	262.5,	0.
NODE,	110,	34.5,	262.5,	0.
NODE,	111,	46.5,	262.5,	0.
NODE,	112,	58.5,	262.5,	0.
NODE,	113,	75.,	262.5,	0.
NODE,	114,	91.5,	262.5,	0.
NODE,	115,	103.5,	262.5,	0.
NODE,	116,	115.5,	262.5,	0.
NODE,	117,	132.,	262.5,	0.
NODE,	118,	18.,	280.5,	0.
NODE,	119,	34.5,	280.5,	0.
NODE,	120,	46.5,	280.5,	0.
NODE,	121,	58.5,	280.5,	0.
NODE,	122,	75.,	280.5,	0.
NODE,	123,	91.5,	280.5,	0.
NODE,	124,	103.5,	280.5,	0.
NODE,	125,	115.5,	280.5,	0.
NODE,	126,	132.,	280.5,	0.
NODE,	127,	0.,	297.,	0.
NODE,	128,	18.,	297.,	0.
NODE,	129,	34.5,	297.,	0.
NODE,	130,	46.5,	297.,	0.
NODE,	131,	58.5,	297.,	0.
NODE,	132,	75.,	297.,	0.
NODE,	133,	91.5,	297.,	0.
NODE,	134,	103.5,	297.,	0.
NODE,	135,	115.5,	297.,	0.
NODE,	136,	132.,	297.,	0.
NODE,	137,	150.,	297.,	0.
NODE,	138,	0.,	308.25,	0.
NODE,	139,	18.,	308.25,	0.
NODE,	140,	34.5,	308.25,	0.
NODE,	141,	46.5,	308.25,	0.
NODE,	142,	58.5,	308.25,	0.
NODE,	143,	75.,	308.25,	0.
NODE,	144,	91.5,	308.25,	0.
NODE,	145,	103.5,	308.25,	0.
NODE,	146,	115.5,	308.25,	0.
NODE,	147,	132.,	308.25,	0.
NODE,	148,	150.,	308.25,	0.

NODE,	149,	0.,	319.5,	0.
NODE,	150,	18.,	319.5,	0.
NODE,	151,	34.5,	319.5,	0.
NODE,	152,	46.5,	319.5,	0.
NODE,	153,	58.5,	319.5,	0.
NODE,	154,	75.,	319.5,	0.
NODE,	155,	91.5,	319.5,	0.
NODE,	156,	103.5,	319.5,	0.
NODE,	157,	115.5,	319.5,	0.
NODE,	158,	132.,	319.5,	0.
NODE,	159,	150.,	319.5,	0.
NODE,	160,	0.,	330.75,	0.
NODE,	161,	18.,	330.75,	0.
NODE,	162,	34.5,	330.75,	0.
NODE,	163,	46.5,	330.75,	0.
NODE,	164,	58.5,	330.75,	0.
NODE,	165,	75.,	330.75,	0.
NODE,	166,	91.5,	330.75,	0.
NODE,	167,	103.5,	330.75,	0.
NODE,	168,	115.5,	330.75,	0.
NODE,	169,	132.,	330.75,	0.
NODE,	170,	150.,	330.75,	0.
NODE,	171,	0.,	342.,	0.
NODE,	172,	18.,	342.,	0.
NODE,	173,	34.5,	342.,	0.
NODE,	174,	46.5,	342.,	0.
NODE,	175,	58.5,	342.,	0.
NODE,	176,	75.,	342.,	0.
NODE,	177,	91.5,	342.,	0.
NODE,	178,	103.5,	342.,	0.
NODE,	179,	115.5,	342.,	0.
NODE,	180,	132.,	342.,	0.
NODE,	181,	150.,	342.,	0.
NODE,	182,	18.,	0.,	48.
NODE,	183,	34.5,	0.,	48.
NODE,	184,	46.5,	0.,	48.
NODE,	185,	58.5,	0.,	48.
NODE,	186,	75.,	0.,	48.
NODE,	187,	91.5,	0.,	48.
NODE,	188,	103.5,	0.,	48.
NODE,	189,	115.5,	0.,	48.
NODE,	190,	132.,	0.,	48.
NODE,	191,	0.,	297.,	48.
NODE,	192,	18.,	297.,	48.
NODE,	193,	34.5,	297.,	48.
NODE,	194,	46.5,	297.,	48.
NODE,	195,	58.5,	297.,	48.
NODE,	196,	75.,	297.,	48.
NODE,	197,	91.5,	297.,	48.
NODE,	198,	103.5,	297.,	48.
NODE,	199,	115.5,	297.,	48.
NODE,	200,	132.,	297.,	48.
NODE,	201,	150.,	297.,	48.
NODE,	202,	0.,	342.,	48.

NODE, 203,	18.,	342.,	48.
NODE, 204,	34.5,	342.,	48.
NODE, 205,	46.5,	342.,	48.
NODE, 206,	58.5,	342.,	48.
NODE, 207,	75.,	342.,	48.
NODE, 208,	91.5,	342.,	48.
NODE, 209,	103.5,	342.,	48.
NODE, 210,	115.5,	342.,	48.
NODE, 211,	132.,	342.,	48.
NODE, 212,	150.,	342.,	48.
NODE, 213,	18.,	16.5,	48.
NODE, 214,	18.,	40.5,	48.
NODE, 215,	18.,	64.5,	48.
NODE, 216,	18.,	88.5,	48.
NODE, 217,	18.,	112.5,	48.
NODE, 218,	18.,	136.5,	48.
NODE, 219,	18.,	160.5,	48.
NODE, 220,	18.,	184.5,	48.
NODE, 221,	18.,	208.5,	48.
NODE, 222,	18.,	226.5,	48.
NODE, 223,	18.,	244.5,	48.
NODE, 224,	18.,	262.5,	48.
NODE, 225,	18.,	280.5,	48.
NODE, 226,	0.,	308.25,	48.
NODE, 227,	0.,	319.5,	48.
NODE, 228,	0.,	330.75,	48.
NODE, 229,	132.,	16.5,	48.
NODE, 230,	132.,	40.5,	48.
NODE, 231,	132.,	64.5,	48.
NODE, 232,	132.,	88.5,	48.
NODE, 233,	132.,	112.5,	48.
NODE, 234,	132.,	136.5,	48.
NODE, 235,	132.,	160.5,	48.
NODE, 236,	132.,	184.5,	48.
NODE, 237,	132.,	208.5,	48.
NODE, 238,	132.,	226.5,	48.
NODE, 239,	132.,	244.5,	48.
NODE, 240,	132.,	262.5,	48.
NODE, 241,	132.,	280.5,	48.
NODE, 242,	150.,	308.25,	48.
NODE, 243,	150.,	319.5,	48.
NODE, 244,	150.,	330.75,	48.
NODE, 245,	18.,	0.,	96.
NODE, 246,	34.5,	0.,	96.
NODE, 247,	46.5,	0.,	96.
NODE, 248,	58.5,	0.,	96.
NODE, 249,	75.,	0.,	96.
NODE, 250,	91.5,	0.,	96.
NODE, 251,	103.5,	0.,	96.
NODE, 252,	115.5,	0.,	96.
NODE, 253,	132.,	0.,	96.
NODE, 254,	18.,	16.5,	96.
NODE, 255,	34.5,	16.5,	96.
NODE, 256,	46.5,	16.5,	96.

NODE,	257,	58.5,	16.5,	96.
NODE,	258,	75.,	16.5,	96.
NODE,	259,	91.5,	16.5,	96.
NODE,	260,	103.5,	16.5,	96.
NODE,	261,	115.5,	16.5,	96.
NODE,	262,	132.,	16.5,	96.
NODE,	263,	18.,	40.5,	96.
NODE,	264,	34.5,	40.5,	96.
NODE,	265,	46.5,	40.5,	96.
NODE,	266,	58.5,	40.5,	96.
NODE,	267,	75.,	40.5,	96.
NODE,	268,	91.5,	40.5,	96.
NODE,	269,	103.5,	40.5,	96.
NODE,	270,	115.5,	40.5,	96.
NODE,	271,	132.,	40.5,	96.
NODE,	272,	18.,	64.5,	96.
NODE,	273,	34.5,	64.5,	96.
NODE,	274,	46.5,	64.5,	96.
NODE,	275,	58.5,	64.5,	96.
NODE,	276,	75.,	64.5,	96.
NODE,	277,	91.5,	64.5,	96.
NODE,	278,	103.5,	64.5,	96.
NODE,	279,	115.5,	64.5,	96.
NODE,	280,	132.,	64.5,	96.
NODE,	281,	18.,	88.5,	96.
NODE,	282,	34.5,	88.5,	96.
NODE,	283,	46.5,	88.5,	96.
NODE,	284,	58.5,	88.5,	96.
NODE,	285,	75.,	88.5,	96.
NODE,	286,	91.5,	88.5,	96.
NODE,	287,	103.5,	88.5,	96.
NODE,	288,	115.5,	88.5,	96.
NODE,	289,	132.,	88.5,	96.
NODE,	290,	18.,	112.5,	96.
NODE,	291,	34.5,	112.5,	96.
NODE,	292,	46.5,	112.5,	96.
NODE,	293,	58.5,	112.5,	96.
NODE,	294,	75.,	112.5,	96.
NODE,	295,	91.5,	112.5,	96.
NODE,	296,	103.5,	112.5,	96.
NODE,	297,	115.5,	112.5,	96.
NODE,	298,	132.,	112.5,	96.
NODE,	299,	18.,	136.5,	96.
NODE,	300,	34.5,	136.5,	96.
NODE,	301,	46.5,	136.5,	96.
NODE,	302,	58.5,	136.5,	96.
NODE,	303,	75.,	136.5,	96.
NODE,	304,	91.5,	136.5,	96.
NODE,	305,	103.5,	136.5,	96.
NODE,	306,	115.5,	136.5,	96.
NODE,	307,	132.,	136.5,	96.
NODE,	308,	18.,	160.5,	96.
NODE,	309,	34.5,	160.5,	96.
NODE,	310,	46.5,	160.5,	96.

NODE,	311,	58.5,	160.5,	96.
NODE,	312,	75.,	160.5,	96.
NODE,	313,	91.5,	160.5,	96.
NODE,	314,	103.5,	160.5,	96.
NODE,	315,	115.5,	160.5,	96.
NODE,	316,	132.,	160.5,	96.
NODE,	317,	18.,	184.5,	96.
NODE,	318,	34.5,	184.5,	96.
NODE,	319,	46.5,	184.5,	96.
NODE,	320,	58.5,	184.5,	96.
NODE,	321,	75.,	184.5,	96.
NODE,	322,	91.5,	184.5,	96.
NODE,	323,	103.5,	184.5,	96.
NODE,	324,	115.5,	184.5,	96.
NODE,	325,	132.,	184.5,	96.
NODE,	326,	18.,	208.5,	96.
NODE,	327,	34.5,	208.5,	96.
NODE,	328,	46.5,	208.5,	96.
NODE,	329,	58.5,	208.5,	96.
NODE,	330,	75.,	208.5,	96.
NODE,	331,	91.5,	208.5,	96.
NODE,	332,	103.5,	208.5,	96.
NODE,	333,	115.5,	208.5,	96.
NODE,	334,	132.,	208.5,	96.
NODE,	335,	18.,	226.5,	96.
NODE,	336,	34.5,	226.5,	96.
NODE,	337,	46.5,	226.5,	96.
NODE,	338,	58.5,	226.5,	96.
NODE,	339,	75.,	226.5,	96.
NODE,	340,	91.5,	226.5,	96.
NODE,	341,	103.5,	226.5,	96.
NODE,	342,	115.5,	226.5,	96.
NODE,	343,	132.,	226.5,	96.
NODE,	344,	18.,	244.5,	96.
NODE,	345,	34.5,	244.5,	96.
NODE,	346,	46.5,	244.5,	96.
NODE,	347,	58.5,	244.5,	96.
NODE,	348,	75.,	244.5,	96.
NODE,	349,	91.5,	244.5,	96.
NODE,	350,	103.5,	244.5,	96.
NODE,	351,	115.5,	244.5,	96.
NODE,	352,	132.,	244.5,	96.
NODE,	353,	18.,	262.5,	96.
NODE,	354,	34.5,	262.5,	96.
NODE,	355,	46.5,	262.5,	96.
NODE,	356,	58.5,	262.5,	96.
NODE,	357,	75.,	262.5,	96.
NODE,	358,	91.5,	262.5,	96.
NODE,	359,	103.5,	262.5,	96.
NODE,	360,	115.5,	262.5,	96.
NODE,	361,	132.,	262.5,	96.
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NODE,	363,	34.5,	280.5,	96.
NODE,	364,	46.5,	280.5,	96.

NODE,	365,	58.5,	280.5,	96.
NODE,	366,	75.,	280.5,	96.
NODE,	367,	91.5,	280.5,	96.
NODE,	368,	103.5,	280.5,	96.
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NODE,	373,	34.5,	297.,	96.
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NODE,	377,	91.5,	297.,	96.
NODE,	378,	103.5,	297.,	96.
NODE,	379,	115.5,	297.,	96.
NODE,	380,	132.,	297.,	96.
NODE,	381,	150.,	297.,	96.
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NODE,	383,	18.,	308.25,	96.
NODE,	384,	34.5,	308.25,	96.
NODE,	385,	46.5,	308.25,	96.
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NODE,	387,	75.,	308.25,	96.
NODE,	388,	91.5,	308.25,	96.
NODE,	389,	103.5,	308.25,	96.
NODE,	390,	115.5,	308.25,	96.
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NODE,	411,	103.5,	330.75,	96.
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NODE, 526,	132.,	226.5,	-24.

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NODE, 582,	91.5,	319.5,	-24.
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QUADB,393,,19,,10,,213,,214,,5,1,9.,
QUADB,394,,28,,19,,214,,215,,5,1,9.,
QUADB,395,,37,,28,,215,,216,,5,1,9.,
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QUADB,399,,73,,64,,219,,220,,5,1,9.,
QUADB,400,,82,,73,,220,,221,,5,1,9.,
QUADB,401,,91,,82,,221,,222,,5,1,9.,
QUADB,402,,100,,91,,222,,223,,5,1,9.,
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QUADB,410,,217,,216,,281,,290,,5,1,9.,
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QUADB,418,,225,,224,,353,,362,,5,1,9.,
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QUADB,423,,171,,160,,228,,202,,5,1,9.,
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QUADB,427,,202,,228,,404,,415,,5,1,9.,
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QUADB,429,,27,,18,,229,,230,,5,1,9.
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QUADB,431,,45,,36,,231,,232,,5,1,9.
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QUADB,534,,323,,324,,333,,332,,6,1,9.,
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 QUADB,615,,413,,414,,425,,424,,6,1,9.,

END

ENDGEOM

*****X
 Written by : FEMAP X
 Version : 4.30 X
 From Model : X
 Date : Thu Oct 05 14:14:41 1995 X

DYNAMIC 0 0 0 20 100. 0.
 OPTION 0 1 0 0 66 0 0
 OUTPUT 1 111 111 11 11 11
 TAPE4G 1 11111 1111 11
 TITLE1
 TITLE2
 TITLE3 WRITTEN BY FEMAP VERSION 4.30
 TITLE4
 TITLE5 10/05/95
 ENDMODEL

***** INPUT DATA CARDS *****

CARD IMAGE

1 6 12 17 22 27 32 37 42 47 52 57 62 67 72 80
 * * * * *

CARD NO *****
 1 START2 0 1.00 100.0
 2 2000 0 2 2 2
 3 END
 4 MODES 1
 5 1 6 0.02
 6 7 9 0.43
 7 10 0.02
 8 11 12 0.43
 9 13 0.02
 10 14 0.43
 11 15 18 0.02
 12 END
 13 PLOT 1 1
 14 1 1 4 1 2 4
 15 1 3 4 23 1 4
 16 23 2 4 23 3 4
 17 141 1 4 141 2 4
 18 141 3 4 172 1 4
 19 172 2 4 172 3 4
 20 181 1 4 181 2 4
 21 181 3 4 208 1 4
 22 208 2 4 208 3 4
 23 246 1 4 246 2 4
 24 246 3 4
 25 END
 26 PRINT
 27 1 23 141 172 181 208
 28 246
 29 END
 30 FORCE
 31 DIST 1
 32 J 426 55.0 55.0
 33 END
 34 AMPL 1 0 1 1 0 2
 35 1 26.00 1.0 34.00 1.0
 36 END
 37 AMPL 2 0 1 3 0 2
 38 1 26.00 1.0 34.00 1.0
 39 END
 40 AMPL 3 0 8 3 0 2
 41 1 26.00 90.0 34.00 90.0
 42 END
 43 ALL DONE

(END OF INPUT FOR MODEL NO. 1)

18 MODES (EIGENVECTORS) HAVE BEEN SELECTED.

MODE NO.	NATURAL FREQUENCY (CPS)	GENERALIZED WEIGHT (RAD/SEC)	GENERALIZED WEIGHT (MASS)	DAMPING COEFFICIENT
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1	0.499634E+01	0.313929E+02	0.189330E+04	0.489984E+01	0.200000E-01
2	0.499835E+01	0.314056E+02	0.177623E+04	0.459687E+01	0.200000E-01
3	0.499854E+01	0.314068E+02	0.285242E+04	0.738204E+01	0.200000E-01
4	0.499883E+01	0.314086E+02	0.272634E+04	0.705575E+01	0.200000E-01
5	0.499902E+01	0.314098E+02	0.170023E+04	0.440018E+01	0.200000E-01
6	0.499957E+01	0.314132E+02	0.189292E+04	0.489885E+01	0.200000E-01
7	0.134890E+02	0.847539E+02	0.867079E+05	0.224399E+03	0.430000E+00
8	0.216554E+02	0.136065E+03	0.748813E+05	0.193792E+03	0.430000E+00
9	0.263153E+02	0.165344E+03	0.115239E+06	0.298237E+03	0.430000E+00
10	0.387405E+02	0.243414E+03	0.584618E+05	0.151299E+03	0.200000E-01
11	0.468743E+02	0.294520E+03	0.194949E+06	0.504527E+03	0.430000E+00
12	0.555236E+02	0.348865E+03	0.144992E+06	0.375237E+03	0.430000E+00
13	0.660301E+02	0.414880E+03	0.756223E+04	0.195710E+02	0.200000E-01
14	0.676186E+02	0.424860E+03	0.787895E+05	0.203907E+03	0.430000E+00
15	0.799600E+02	0.502403E+03	0.151548E+05	0.392205E+02	0.200000E-01
16	0.882121E+02	0.554253E+03	0.931314E+04	0.241023E+02	0.200000E-01
17	0.889476E+02	0.558875E+03	0.767996E+05	0.198757E+03	0.200000E-01
18	0.904400E+02	0.568251E+03	0.399309E+05	0.103341E+03	0.200000E-01

END OF INPUT DATA

FREQUENCY

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.....

TAPE4 DESCRIPTION CARD:

.....

MAX NODE NO. = 608, NO. NODES = 608, DOF PER NODE = 6, NO. OF DOF = 3648, G = 0.38640E+03

1 T4VERS = (03DEC95 13:13:42MAY01/92)

TAPE4 HEADER=(ELELO 608 6 18 1 61111010001010001)

***** DISTRIBUTED FORCE ANALYSIS *****

 *** COMPUTE GENERALIZED FORCES *** FCTRS ***

GENERALIZED (MODAL) FORCE COMPONENTS

MODE NO.	X1	X2	X3	THETA 1	THETA 2	THETA 3
1	0.112248E+02	0.000000E+00	0.377956E+01	0.000000E+00	0.000000E+00	0.000000E+00
2	0.542384E-01	0.000000E+00	-0.253060E+01	0.000000E+00	0.000000E+00	0.000000E+00
3	-0.592054E+01	0.000000E+00	0.745038E+01	0.000000E+00	0.000000E+00	0.000000E+00
4	0.779507E+01	0.000000E+00	0.593197E+01	0.000000E+00	0.000000E+00	0.000000E+00
5	-0.911813E-01	0.000000E+00	-0.381014E-01	0.000000E+00	0.000000E+00	0.000000E+00
6	-0.378055E+01	0.000000E+00	0.112271E+02	0.000000E+00	0.000000E+00	0.000000E+00
7	-0.191641E-01	0.000000E+00	-0.837831E-02	0.000000E+00	0.000000E+00	0.000000E+00
8	-0.503950E-04	0.000000E+00	-0.343574E-03	0.000000E+00	0.000000E+00	0.000000E+00
9	-0.196829E-03	0.000000E+00	-0.527243E-02	0.000000E+00	0.000000E+00	0.000000E+00
10	0.121453E-02	0.000000E+00	0.390152E-03	0.000000E+00	0.000000E+00	0.000000E+00
11	0.236820E-04	0.000000E+00	-0.390499E-03	0.000000E+00	0.000000E+00	0.000000E+00
12	-0.734360E-04	0.000000E+00	0.490291E-03	0.000000E+00	0.000000E+00	0.000000E+00
13	-0.507214E-03	0.000000E+00	0.361032E-03	0.000000E+00	0.000000E+00	0.000000E+00
14	0.146181E-02	0.000000E+00	0.351694E-03	0.000000E+00	0.000000E+00	0.000000E+00
15	-0.356057E-03	0.000000E+00	0.140230E-02	0.000000E+00	0.000000E+00	0.000000E+00
16	-0.585067E-03	0.000000E+00	0.116794E-02	0.000000E+00	0.000000E+00	0.000000E+00
17	0.997035E-04	0.000000E+00	-0.113347E-03	0.000000E+00	0.000000E+00	0.000000E+00
18	-0.387654E-03	0.000000E+00	-0.958989E-04	0.000000E+00	0.000000E+00	0.000000E+00

*** COMPUTE FREQUENCIES *** AMPS ***

LIST OF OUTPUT / PLOT FREQUENCIES. LOWER LIMIT = 0.26000000E+02, UPPER LIMIT = 0.34000000E+02

1	26.3152914	2	27.5969449	3	32.5278786
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*** REDUCE SYSTEM SIZE *** SRPAS1 ***

*** COMPUTE RESPONSES *** PTRSP ***

 *
 * EXCITING FREQUENCY NUMBER 1 (26.315291 CPS) *
 *

*****NODAL DISPLACEMENTS, DISTRIBUTED FORCE EXCITATION..

JOINT	X1 DISP	X2 DISP	X3 DISP	THETA 1 DISP	THETA 2 DISP	THETA 3 DISP
1	0.854748E-07	0.500285E-07	0.316856E-06	0.560657E-09	0.399537E-08	0.767028E-09
2	0.855012E-07	0.381693E-07	0.252425E-06	0.550539E-09	0.398203E-08	0.711907E-09
3	0.854759E-07	0.297691E-07	0.206379E-06	0.550522E-09	0.395302E-08	0.682012E-09
4	0.854825E-07	0.216487E-07	0.161602E-06	0.566792E-09	0.392081E-08	0.657963E-09
5	0.855825E-07	0.107880E-07	0.104127E-06	0.617789E-09	0.388397E-08	0.647009E-09
6	0.857738E-07	0.250883E-08	0.621249E-07	0.695660E-09	0.386245E-08	0.657673E-09
7	0.859575E-07	0.899688E-08	0.623671E-07	0.762119E-09	0.385535E-08	0.679599E-09
8	0.861368E-07	0.172337E-07	0.905505E-07	0.832971E-09	0.384953E-08	0.707931E-09
9	0.861919E-07	0.290740E-07	0.145259E-06	0.904836E-09	0.384942E-08	0.762251E-09
10	0.757216E-07	0.500969E-07	0.324238E-06	0.592652E-09	0.398302E-08	0.825538E-09
11	0.756697E-07	0.380774E-07	0.260162E-06	0.564775E-09	0.396089E-08	0.000000E+00
12	0.756509E-07	0.297265E-07	0.214557E-06	0.558525E-09	0.392416E-08	0.000000E+00
13	0.756709E-07	0.216204E-07	0.170342E-06	0.573629E-09	0.388424E-08	0.000000E+00
14	0.757388E-07	0.107798E-07	0.113650E-06	0.627483E-09	0.384011E-08	0.000000E+00
15	0.758313E-07	0.244535E-08	0.703934E-07	0.710166E-09	0.381307E-08	0.000000E+00
16	0.759106E-07	0.892365E-08	0.644206E-07	0.780911E-09	0.380423E-08	0.000000E+00
17	0.760028E-07	0.171192E-07	0.866362E-07	0.855039E-09	0.380456E-08	0.000000E+00
18	0.761281E-07	0.290739E-07	0.137547E-06	0.944427E-09	0.381915E-08	0.812595E-09
19	0.631440E-07	0.496009E-07	0.335352E-06	0.652612E-09	0.395791E-08	0.815980E-09
20	0.630232E-07	0.377622E-07	0.271992E-06	0.615921E-09	0.393111E-08	0.000000E+00
21	0.629752E-07	0.295066E-07	0.227085E-06	0.609050E-09	0.388703E-08	0.000000E+00
22	0.629563E-07	0.215061E-07	0.183740E-06	0.624469E-09	0.383926E-08	0.000000E+00
23	0.629723E-07	0.107897E-07	0.128340E-06	0.677274E-09	0.378584E-08	0.000000E+00
24	0.630278E-07	0.234770E-08	0.844371E-07	0.755716E-09	0.375297E-08	0.000000E+00
25	0.630958E-07	0.862358E-08	0.718960E-07	0.821692E-09	0.374289E-08	0.000000E+00
26	0.631897E-07	0.166976E-07	0.850115E-07	0.892035E-09	0.374433E-08	0.000000E+00
27	0.633647E-07	0.284341E-07	0.128924E-06	0.984584E-09	0.376056E-08	0.793425E-09
28	0.532306E-07	0.486319E-07	0.347563E-06	0.699728E-09	0.392287E-08	0.792147E-09
29	0.530827E-07	0.370421E-07	0.285194E-06	0.674770E-09	0.389625E-08	0.000000E+00
30	0.530221E-07	0.289924E-07	0.241132E-06	0.678249E-09	0.385169E-08	0.000000E+00
31	0.529956E-07	0.211983E-07	0.198732E-06	0.700822E-09	0.380408E-08	0.000000E+00
32	0.530079E-07	0.107758E-07	0.144633E-06	0.753067E-09	0.375258E-08	0.000000E+00
33	0.530756E-07	0.217307E-08	0.100650E-06	0.817795E-09	0.372269E-08	0.000000E+00
34	0.531635E-07	0.800604E-08	0.837799E-07	0.867804E-09	0.371475E-08	0.000000E+00
35	0.532886E-07	0.158311E-07	0.885798E-07	0.919632E-09	0.371808E-08	0.000000E+00
36	0.535155E-07	0.272337E-07	0.124188E-06	0.987131E-09	0.373575E-08	0.760025E-09
37	0.472021E-07	0.471283E-07	0.361113E-06	0.737719E-09	0.386767E-08	0.759778E-09
38	0.471367E-07	0.358838E-07	0.300220E-06	0.740954E-09	0.384817E-08	0.000000E+00
39	0.471298E-07	0.281255E-07	0.257275E-06	0.765065E-09	0.381242E-08	0.000000E+00
40	0.471483E-07	0.206525E-07	0.215969E-06	0.801564E-09	0.377635E-08	0.000000E+00
41	0.472061E-07	0.106943E-07	0.163131E-06	0.855512E-09	0.374331E-08	0.000000E+00
42	0.473017E-07	0.196943E-08	0.119094E-06	0.900368E-09	0.373078E-08	0.000000E+00

43	0.473969E-07	0.705328E-08	0.991112E-07	0.925134E-09	0.373253E-08	0.000000E+00
44	0.475150E-07	0.144999E-07	0.969210E-07	0.946052E-09	0.374221E-08	0.000000E+00
45	0.477073E-07	0.254216E-07	0.123576E-06	0.968476E-09	0.376199E-08	0.716642E-09
46	0.460264E-07	0.450248E-07	0.376105E-06	0.773701E-09	0.378036E-08	0.724052E-09
47	0.461568E-07	0.342314E-07	0.317477E-06	0.823524E-09	0.377624E-08	0.000000E+00
48	0.462725E-07	0.268500E-07	0.276112E-06	0.879121E-09	0.376143E-08	0.000000E+00
49	0.463898E-07	0.197987E-07	0.236177E-06	0.936184E-09	0.375203E-08	0.000000E+00
50	0.465362E-07	0.104982E-07	0.184582E-06	0.993345E-09	0.375957E-08	0.000000E+00
51	0.466561E-07	0.189733E-08	0.140189E-06	0.101125E-08	0.378374E-08	0.000000E+00
52	0.467255E-07	0.575874E-08	0.117456E-06	0.100121E-08	0.380556E-08	0.000000E+00
53	0.467815E-07	0.126647E-07	0.109219E-06	0.979237E-09	0.382798E-08	0.000000E+00
54	0.468377E-07	0.228960E-07	0.126649E-06	0.938363E-09	0.385174E-08	0.659541E-09
55	0.493555E-07	0.422848E-07	0.392608E-06	0.819360E-09	0.364508E-08	0.683005E-09
56	0.497435E-07	0.319966E-07	0.337447E-06	0.932517E-09	0.366828E-08	0.000000E+00
57	0.500260E-07	0.250554E-07	0.298378E-06	0.102951E-08	0.369222E-08	0.000000E+00
58	0.502657E-07	0.185431E-07	0.260255E-06	0.111276E-08	0.373065E-08	0.000000E+00
59	0.505159E-07	0.101154E-07	0.209916E-06	0.117123E-08	0.380740E-08	0.000000E+00
60	0.506340E-07	0.216653E-08	0.164591E-06	0.115017E-08	0.389108E-08	0.000000E+00
61	0.506453E-07	0.412091E-08	0.138837E-06	0.109360E-08	0.394420E-08	0.000000E+00
62	0.505933E-07	0.102441E-07	0.124768E-06	0.101720E-08	0.398554E-08	0.000000E+00
63	0.504292E-07	0.194754E-07	0.132535E-06	0.899587E-09	0.401399E-08	0.581228E-09
64	0.557380E-07	0.388624E-07	0.410566E-06	0.888720E-09	0.345013E-08	0.662754E-09
65	0.564479E-07	0.290450E-07	0.360482E-06	0.105991E-08	0.352194E-08	0.000000E+00
66	0.568389E-07	0.225921E-07	0.324725E-06	0.120378E-08	0.361409E-08	0.000000E+00
67	0.571857E-07	0.167800E-07	0.289055E-06	0.132146E-08	0.372955E-08	0.000000E+00
68	0.573908E-07	0.960497E-08	0.239947E-06	0.137096E-08	0.390672E-08	0.000000E+00
69	0.574344E-07	0.278427E-08	0.192747E-06	0.128603E-08	0.406881E-08	0.000000E+00
70	0.573288E-07	0.209911E-08	0.163213E-06	0.116916E-08	0.415887E-08	0.000000E+00
71	0.571200E-07	0.713655E-08	0.142903E-06	0.103274E-08	0.421904E-08	0.000000E+00
72	0.566816E-07	0.148995E-07	0.140177E-06	0.842903E-09	0.424670E-08	0.469379E-09
73	0.642718E-07	0.346159E-07	0.429255E-06	0.967641E-09	0.321034E-08	0.677419E-09
74	0.649755E-07	0.249471E-07	0.385876E-06	0.114909E-08	0.338283E-08	0.000000E+00
75	0.654650E-07	0.196187E-07	0.354835E-06	0.133066E-08	0.360102E-08	0.000000E+00
76	0.653424E-07	0.149381E-07	0.322581E-06	0.150058E-08	0.381673E-08	0.000000E+00
77	0.653757E-07	0.880654E-08	0.274304E-06	0.149948E-08	0.409959E-08	0.000000E+00
78	0.650031E-07	0.390239E-08	0.223542E-06	0.130089E-08	0.433410E-08	0.000000E+00
79	0.645842E-07	0.574459E-09	0.189126E-06	0.112183E-08	0.444683E-08	0.000000E+00
80	0.641183E-07	0.330687E-08	0.162029E-06	0.945799E-09	0.450735E-08	0.000000E+00
81	0.633662E-07	0.899217E-08	0.148204E-06	0.730360E-09	0.451523E-08	0.305783E-09
82	0.743230E-07	0.269701E-07	0.445097E-06	0.881840E-09	0.293251E-08	0.468389E-09
83	0.753239E-07	0.217641E-07	0.408491E-06	0.107595E-08	0.335343E-08	0.000000E+00
84	0.738980E-07	0.168303E-07	0.385007E-06	0.114574E-08	0.387636E-08	0.000000E+00
85	0.744231E-07	0.120984E-07	0.358711E-06	0.159988E-08	0.416241E-08	0.000000E+00
86	0.728472E-07	0.908504E-08	0.308969E-06	0.130518E-08	0.442015E-08	0.000000E+00
87	0.710839E-07	0.596156E-08	0.251621E-06	0.951441E-09	0.466129E-08	0.000000E+00
88	0.700990E-07	0.376278E-08	0.211473E-06	0.767967E-09	0.474118E-08	0.000000E+00
89	0.693076E-07	0.185755E-08	0.177954E-06	0.627253E-09	0.476180E-08	0.000000E+00
90	0.683045E-07	0.246394E-08	0.154246E-06	0.484930E-09	0.472492E-08	0.117903E-09
91	0.785179E-07	0.182941E-07	0.452857E-06	0.611987E-09	0.277941E-08	0.878898E-10
92	0.825057E-07	0.167586E-07	0.417221E-06	0.496753E-09	0.310263E-08	0.000000E+00
93	0.893222E-07	0.152162E-07	0.400430E-06	0.414186E-09	0.696564E-08	0.000000E+00
94	0.808856E-07	0.134366E-07	0.378869E-06	0.341315E-09	0.434628E-08	0.000000E+00
95	0.754911E-07	0.107449E-07	0.324217E-06	0.271617E-09	0.460086E-08	0.000000E+00
96	0.729152E-07	0.815387E-08	0.262723E-06	0.246018E-09	0.479107E-08	0.000000E+00
97	0.717165E-07	0.650026E-08	0.219974E-06	0.253571E-09	0.482568E-08	0.000000E+00
98	0.708462E-07	0.521213E-08	0.183762E-06	0.275720E-09	0.481770E-08	0.000000E+00
99	0.698360E-07	0.429028E-08	0.155548E-06	0.316124E-09	0.475717E-08	0.455247E-10
100	0.755307E-07	0.103455E-07	0.458766E-06	0.170346E-08	0.290243E-08	0.624568E-09
101	0.763802E-07	0.122389E-07	0.421192E-06	0.155111E-08	0.325786E-08	0.000000E+00
102	0.746891E-07	0.139154E-07	0.397077E-06	0.826449E-09	0.377253E-08	0.000000E+00

103	0.753023E-07	0.149066E-07	0.369971E-06	0.941457E-09	0.408982E-08	0.000000E+00
104	0.736094E-07	0.124618E-07	0.318881E-06	0.746937E-09	0.439016E-08	0.000000E+00
105	0.717946E-07	0.102085E-07	0.260005E-06	0.481418E-09	0.462263E-08	0.000000E+00
106	0.708322E-07	0.898555E-08	0.218363E-06	0.352436E-09	0.468591E-08	0.000000E+00
107	0.701103E-07	0.837959E-08	0.182509E-06	0.279795E-09	0.469179E-08	0.000000E+00
108	0.692836E-07	0.902455E-08	0.153251E-06	0.286702E-09	0.464533E-08	0.183925E-09
109	0.693265E-07	0.662263E-08	0.462962E-06	0.157446E-08	0.313573E-08	0.793171E-09
110	0.695314E-07	0.113268E-07	0.419027E-06	0.119633E-08	0.329170E-08	0.000000E+00
111	0.697857E-07	0.127040E-07	0.387653E-06	0.921595E-09	0.354258E-08	0.000000E+00
112	0.694486E-07	0.131136E-07	0.354593E-06	0.887763E-09	0.379379E-08	0.000000E+00
113	0.692535E-07	0.128271E-07	0.303677E-06	0.903028E-09	0.410521E-08	0.000000E+00
114	0.685767E-07	0.114902E-07	0.248549E-06	0.734740E-09	0.432868E-08	0.000000E+00
115	0.680077E-07	0.107804E-07	0.209674E-06	0.580657E-09	0.441180E-08	0.000000E+00
116	0.675516E-07	0.107579E-07	0.176002E-06	0.445024E-09	0.444089E-08	0.000000E+00
117	0.670748E-07	0.126314E-07	0.148082E-06	0.352629E-09	0.442325E-08	0.292362E-09
118	0.641020E-07	0.643135E-08	0.466410E-06	0.132375E-08	0.342480E-08	0.807475E-09
119	0.644768E-07	0.101672E-07	0.415199E-06	0.968434E-09	0.347754E-08	0.000000E+00
120	0.647315E-07	0.115122E-07	0.378485E-06	0.798686E-09	0.358456E-08	0.000000E+00
121	0.649774E-07	0.122068E-07	0.341382E-06	0.759811E-09	0.372280E-08	0.000000E+00
122	0.649801E-07	0.123206E-07	0.288793E-06	0.772050E-09	0.392301E-08	0.000000E+00
123	0.647661E-07	0.120157E-07	0.235578E-06	0.681195E-09	0.407292E-08	0.000000E+00
124	0.644371E-07	0.118519E-07	0.199045E-06	0.565674E-09	0.413458E-08	0.000000E+00
125	0.640468E-07	0.121498E-07	0.167712E-06	0.447183E-09	0.416287E-08	0.000000E+00
126	0.637635E-07	0.145133E-07	0.141732E-06	0.346443E-09	0.415489E-08	0.405393E-09
127	0.609740E-07	0.106622E-07	0.534922E-06	0.817756E-09	0.375557E-08	0.181568E-09
128	0.610203E-07	0.783407E-08	0.469312E-06	0.975757E-09	0.367580E-08	0.210986E-09
129	0.610084E-07	0.955326E-08	0.412639E-06	0.762134E-09	0.366613E-08	0.144338E-09
130	0.612524E-07	0.106113E-07	0.372417E-06	0.639729E-09	0.369440E-08	0.700815E-10
131	0.614727E-07	0.113848E-07	0.332685E-06	0.574480E-09	0.374156E-08	0.160542E-10
132	0.616885E-07	0.119075E-07	0.278589E-06	0.535233E-09	0.383177E-08	0.439547E-10
133	0.616970E-07	0.120917E-07	0.226143E-06	0.468261E-09	0.390755E-08	0.915047E-10
134	0.615647E-07	0.123087E-07	0.191038E-06	0.393003E-09	0.393919E-08	0.127128E-09
135	0.612947E-07	0.128881E-07	0.161341E-06	0.311273E-09	0.395616E-08	0.190081E-09
136	0.606895E-07	0.144973E-07	0.136859E-06	0.214154E-09	0.393933E-08	0.192587E-09
137	0.597458E-07	0.148171E-07	0.141888E-06	0.108595E-09	0.387369E-08	0.184579E-09
138	0.605218E-07	0.107134E-07	0.536569E-06	0.817783E-09	0.381366E-08	0.688008E-10
139	0.604040E-07	0.868641E-08	0.470264E-06	0.802130E-09	0.377975E-08	0.000000E+00
140	0.604108E-07	0.928528E-08	0.411503E-06	0.657797E-09	0.375758E-08	0.000000E+00
141	0.606305E-07	0.101811E-07	0.369839E-06	0.558110E-09	0.375172E-08	0.000000E+00
142	0.608996E-07	0.109176E-07	0.329020E-06	0.482531E-09	0.375992E-08	0.000000E+00
143	0.611899E-07	0.116055E-07	0.274236E-06	0.410145E-09	0.379893E-08	0.000000E+00
144	0.613030E-07	0.120540E-07	0.222035E-06	0.339437E-09	0.383650E-08	0.000000E+00
145	0.612537E-07	0.124431E-07	0.187523E-06	0.277400E-09	0.385187E-08	0.000000E+00
146	0.611067E-07	0.130854E-07	0.158568E-06	0.212233E-09	0.386173E-08	0.000000E+00
147	0.610345E-07	0.141425E-07	0.134965E-06	0.135522E-09	0.385832E-08	0.000000E+00
148	0.611415E-07	0.148426E-07	0.140612E-06	0.103853E-09	0.383329E-08	0.105840E-09
149	0.599073E-07	0.109010E-07	0.538767E-06	0.766776E-09	0.386859E-08	0.715661E-10
150	0.599122E-07	0.930155E-08	0.471441E-06	0.714555E-09	0.385976E-08	0.000000E+00
151	0.600062E-07	0.928973E-08	0.411212E-06	0.593510E-09	0.382624E-08	0.000000E+00
152	0.602213E-07	0.990950E-08	0.368568E-06	0.499967E-09	0.379797E-08	0.000000E+00
153	0.605250E-07	0.106122E-07	0.326998E-06	0.418238E-09	0.377967E-08	0.000000E+00
154	0.609320E-07	0.114066E-07	0.271698E-06	0.327235E-09	0.378142E-08	0.000000E+00
155	0.612229E-07	0.120309E-07	0.219599E-06	0.249422E-09	0.378924E-08	0.000000E+00
156	0.613491E-07	0.125164E-07	0.185457E-06	0.192879E-09	0.379039E-08	0.000000E+00
157	0.614596E-07	0.131011E-07	0.156982E-06	0.136892E-09	0.379277E-08	0.000000E+00
158	0.616738E-07	0.139199E-07	0.133894E-06	0.761202E-10	0.379421E-08	0.000000E+00
159	0.618334E-07	0.147972E-07	0.139655E-06	0.731960E-10	0.378729E-08	0.104340E-09
160	0.593493E-07	0.111386E-07	0.541571E-06	0.742093E-09	0.392566E-08	0.589286E-10
161	0.594266E-07	0.962463E-08	0.473326E-06	0.678515E-09	0.392383E-08	0.000000E+00
162	0.596259E-07	0.937061E-08	0.411988E-06	0.567034E-09	0.388296E-08	0.000000E+00

163	0.599124E-07	0.981234E-08	0.368591E-06	0.477907E-09	0.383978E-08	0.000000E+00
164	0.603013E-07	0.104568E-07	0.326423E-06	0.394130E-09	0.380297E-08	0.000000E+00
165	0.608892E-07	0.113005E-07	0.270650E-06	0.293270E-09	0.377720E-08	0.000000E+00
166	0.614344E-07	0.120134E-07	0.218512E-06	0.207614E-09	0.376154E-08	0.000000E+00
167	0.617916E-07	0.125239E-07	0.184555E-06	0.150342E-09	0.375020E-08	0.000000E+00
168	0.621310E-07	0.130657E-07	0.156327E-06	0.953272E-10	0.374487E-08	0.000000E+00
169	0.625030E-07	0.138199E-07	0.133416E-06	0.368108E-10	0.374598E-08	0.000000E+00
170	0.627242E-07	0.147219E-07	0.138997E-06	0.545229E-10	0.374424E-08	0.115575E-09
171	0.588315E-07	0.113565E-07	0.544766E-06	0.747417E-09	0.396778E-08	0.912898E-10
172	0.588579E-07	0.976632E-08	0.475844E-06	0.676423E-09	0.397281E-08	0.149301E-09
173	0.591830E-07	0.946670E-08	0.413555E-06	0.565768E-09	0.392993E-08	0.100292E-09
174	0.596013E-07	0.983246E-08	0.369516E-06	0.479261E-09	0.387697E-08	0.791214E-10
175	0.601561E-07	0.104235E-07	0.326821E-06	0.395347E-09	0.382630E-08	0.660521E-10
176	0.610230E-07	0.112692E-07	0.270576E-06	0.289894E-09	0.377857E-08	0.608783E-10
177	0.618956E-07	0.120030E-07	0.218291E-06	0.197628E-09	0.374341E-08	0.769933E-10
178	0.625082E-07	0.125104E-07	0.184379E-06	0.137479E-09	0.372122E-08	0.989649E-10
179	0.630950E-07	0.130416E-07	0.156227E-06	0.811744E-10	0.370891E-08	0.127232E-09
180	0.637707E-07	0.137796E-07	0.133231E-06	0.202705E-10	0.370982E-08	0.164247E-09
181	0.640214E-07	0.146628E-07	0.138460E-06	0.557358E-10	0.370870E-08	0.134940E-09
182	0.267796E-06	0.521787E-07	0.319448E-06	0.559771E-09	0.416084E-08	0.276080E-09
183	0.267424E-06	0.475565E-07	0.254647E-06	0.546422E-09	0.000000E+00	0.371628E-09
184	0.267163E-06	0.436718E-07	0.208561E-06	0.550707E-09	0.000000E+00	0.402257E-09
185	0.266929E-06	0.397005E-07	0.163524E-06	0.568043E-09	0.000000E+00	0.413578E-09
186	0.266681E-06	0.344972E-07	0.105343E-06	0.605774E-09	0.000000E+00	0.407758E-09
187	0.266542E-06	0.299202E-07	0.624208E-07	0.659393E-09	0.000000E+00	0.392365E-09
188	0.266515E-06	0.271554E-07	0.623934E-07	0.711513E-09	0.000000E+00	0.381510E-09
189	0.266557E-06	0.249931E-07	0.908929E-07	0.773601E-09	0.000000E+00	0.372742E-09
190	0.266756E-06	0.233125E-07	0.146404E-06	0.863892E-09	0.414232E-08	0.345100E-09
191	0.230614E-06	0.524581E-07	0.538450E-06	0.103433E-08	0.389175E-08	0.127036E-09
192	0.230059E-06	0.529069E-07	0.476200E-06	0.101765E-08	0.437771E-08	0.163799E-09
193	0.229691E-06	0.485290E-07	0.415677E-06	0.884036E-09	0.000000E+00	0.431763E-09
194	0.229700E-06	0.431024E-07	0.373111E-06	0.805753E-09	0.000000E+00	0.517863E-09
195	0.229909E-06	0.373970E-07	0.331396E-06	0.737350E-09	0.000000E+00	0.515964E-09
196	0.230358E-06	0.303038E-07	0.275715E-06	0.669082E-09	0.000000E+00	0.475965E-09
197	0.230795E-06	0.248802E-07	0.223247E-06	0.599091E-09	0.000000E+00	0.437381E-09
198	0.231009E-06	0.223123E-07	0.188761E-06	0.558161E-09	0.000000E+00	0.408894E-09
199	0.231092E-06	0.208777E-07	0.159941E-06	0.518522E-09	0.000000E+00	0.352857E-09
200	0.231007E-06	0.195585E-07	0.136924E-06	0.478912E-09	0.390703E-08	0.212344E-09
201	0.230833E-06	0.184624E-07	0.141986E-06	0.450872E-09	0.399627E-08	0.950398E-10
202	0.232997E-06	0.530419E-07	0.551314E-06	0.970707E-09	0.402522E-08	0.253052E-09
203	0.232450E-06	0.488131E-07	0.480120E-06	0.900740E-09	0.000000E+00	0.264653E-09
204	0.232032E-06	0.446382E-07	0.417437E-06	0.833355E-09	0.000000E+00	0.296418E-09
205	0.231765E-06	0.413702E-07	0.373072E-06	0.773796E-09	0.000000E+00	0.319520E-09
206	0.231523E-06	0.379451E-07	0.329911E-06	0.711108E-09	0.000000E+00	0.338255E-09
207	0.231252E-06	0.331801E-07	0.273116E-06	0.625153E-09	0.000000E+00	0.349320E-09
208	0.231063E-06	0.286578E-07	0.220534E-06	0.543971E-09	0.000000E+00	0.345517E-09
209	0.230979E-06	0.256971E-07	0.186454E-06	0.498402E-09	0.000000E+00	0.338699E-09
210	0.230932E-06	0.231125E-07	0.158097E-06	0.459792E-09	0.000000E+00	0.333298E-09
211	0.230892E-06	0.203139E-07	0.134669E-06	0.411012E-09	0.000000E+00	0.328452E-09
212	0.230842E-06	0.185060E-07	0.138068E-06	0.390444E-09	0.381307E-08	0.325110E-09
213	0.266248E-06	0.523433E-07	0.326144E-06	0.000000E+00	0.420090E-08	0.232606E-09
214	0.263355E-06	0.524919E-07	0.337359E-06	0.000000E+00	0.432133E-08	0.342912E-09
215	0.258718E-06	0.526220E-07	0.349733E-06	0.000000E+00	0.446791E-08	0.481613E-09
216	0.252538E-06	0.527686E-07	0.363407E-06	0.000000E+00	0.461541E-08	0.593037E-09
217	0.245201E-06	0.528066E-07	0.378347E-06	0.000000E+00	0.475308E-08	0.681408E-09
218	0.237022E-06	0.524691E-07	0.394299E-06	0.000000E+00	0.487548E-08	0.756291E-09
219	0.228484E-06	0.514084E-07	0.410680E-06	0.000000E+00	0.497727E-08	0.809300E-09
220	0.220766E-06	0.496193E-07	0.426100E-06	0.000000E+00	0.504093E-08	0.773967E-09
221	0.216013E-06	0.492571E-07	0.439379E-06	0.000000E+00	0.501438E-08	0.554756E-09
222	0.215544E-06	0.513754E-07	0.447977E-06	0.000000E+00	0.491184E-08	0.331253E-09

223	0.217794E-06	0.537679E-07	0.454887E-06	0.000000E+00	0.474449E-08	0.251242E-09
224	0.222050E-06	0.541234E-07	0.461572E-06	0.000000E+00	0.454930E-08	0.316615E-09
225	0.226954E-06	0.532787E-07	0.468366E-06	0.000000E+00	0.436369E-08	0.298700E-09
226	0.231753E-06	0.525535E-07	0.541127E-06	0.000000E+00	0.393457E-08	0.143722E-09
227	0.232435E-06	0.526717E-07	0.543977E-06	0.000000E+00	0.396639E-08	0.188396E-09
228	0.232789E-06	0.528333E-07	0.547228E-06	0.000000E+00	0.399419E-08	0.229891E-09
229	0.264283E-06	0.232078E-07	0.138056E-06	0.000000E+00	0.418808E-08	0.364269E-09
230	0.260298E-06	0.231575E-07	0.129350E-06	0.000000E+00	0.429446E-08	0.467861E-09
231	0.255785E-06	0.231467E-07	0.124867E-06	0.000000E+00	0.440034E-08	0.538947E-09
232	0.251596E-06	0.231229E-07	0.124670E-06	0.000000E+00	0.448660E-08	0.554282E-09
233	0.248462E-06	0.230991E-07	0.128214E-06	0.000000E+00	0.454326E-08	0.533558E-09
234	0.246670E-06	0.230742E-07	0.134423E-06	0.000000E+00	0.456231E-08	0.494617E-09
235	0.246018E-06	0.229632E-07	0.141815E-06	0.000000E+00	0.453871E-08	0.446475E-09
236	0.245817E-06	0.225752E-07	0.148556E-06	0.000000E+00	0.447144E-08	0.395553E-09
237	0.245058E-06	0.217760E-07	0.152686E-06	0.000000E+00	0.436622E-08	0.359536E-09
238	0.243499E-06	0.209873E-07	0.153158E-06	0.000000E+00	0.428336E-08	0.372618E-09
239	0.240805E-06	0.202443E-07	0.151183E-06	0.000000E+00	0.418443E-08	0.409542E-09
240	0.237146E-06	0.197250E-07	0.147130E-06	0.000000E+00	0.408467E-08	0.439246E-09
241	0.233212E-06	0.195174E-07	0.141997E-06	0.000000E+00	0.399863E-08	0.401330E-09
242	0.230702E-06	0.184536E-07	0.141100E-06	0.000000E+00	0.394700E-08	0.187391E-09
243	0.230689E-06	0.184553E-07	0.140140E-06	0.000000E+00	0.390123E-08	0.253774E-09
244	0.230730E-06	0.184728E-07	0.139139E-06	0.000000E+00	0.385711E-08	0.298322E-09
245	0.458192E-06	0.656032E-07	0.319651E-06	0.621439E-09	0.392705E-08	0.469159E-10
246	0.458124E-06	0.657235E-07	0.255742E-06	0.593731E-09	0.397821E-08	0.317861E-10
247	0.457983E-06	0.654083E-07	0.209622E-06	0.609147E-09	0.397375E-08	0.552829E-10
248	0.457783E-06	0.648934E-07	0.164515E-06	0.652579E-09	0.395791E-08	0.727479E-10
249	0.457434E-06	0.641403E-07	0.106168E-06	0.745183E-09	0.394300E-08	0.771758E-10
250	0.457056E-06	0.635392E-07	0.628819E-07	0.841535E-09	0.393115E-08	0.575124E-10
251	0.456811E-06	0.633478E-07	0.624782E-07	0.906008E-09	0.392573E-08	0.357356E-10
252	0.456635E-06	0.635087E-07	0.909597E-07	0.969917E-09	0.391494E-08	0.388231E-10
253	0.456554E-06	0.642785E-07	0.146639E-06	0.105666E-08	0.389307E-08	0.557735E-10
254	0.458713E-06	0.657596E-07	0.327231E-06	0.646327E-09	0.393139E-08	0.109897E-09
255	0.458645E-06	0.657443E-07	0.264433E-06	0.615855E-09	0.391697E-08	0.000000E+00
256	0.458528E-06	0.653442E-07	0.219618E-06	0.641469E-09	0.391258E-08	0.000000E+00
257	0.458378E-06	0.647912E-07	0.175932E-06	0.725371E-09	0.390685E-08	0.000000E+00
258	0.458152E-06	0.639794E-07	0.119607E-06	0.875293E-09	0.389776E-08	0.000000E+00
259	0.457934E-06	0.633499E-07	0.761287E-07	0.100088E-08	0.388908E-08	0.000000E+00
260	0.457801E-06	0.631508E-07	0.683705E-07	0.105906E-08	0.388433E-08	0.000000E+00
261	0.457694E-06	0.632432E-07	0.883919E-07	0.108438E-08	0.388553E-08	0.000000E+00
262	0.457588E-06	0.640677E-07	0.138446E-06	0.105481E-08	0.393289E-08	0.687732E-10
263	0.458982E-06	0.666138E-07	0.338531E-06	0.683944E-09	0.389257E-08	0.570829E-10
264	0.458981E-06	0.660523E-07	0.277320E-06	0.650686E-09	0.383768E-08	0.000000E+00
265	0.458897E-06	0.654261E-07	0.234636E-06	0.664807E-09	0.383765E-08	0.000000E+00
266	0.458784E-06	0.646933E-07	0.193512E-06	0.739072E-09	0.384084E-08	0.000000E+00
267	0.458613E-06	0.636854E-07	0.140959E-06	0.893478E-09	0.384082E-08	0.000000E+00
268	0.458448E-06	0.628796E-07	0.988780E-07	0.102583E-08	0.384169E-08	0.000000E+00
269	0.458337E-06	0.625333E-07	0.841730E-07	0.107957E-08	0.385039E-08	0.000000E+00
270	0.458235E-06	0.624704E-07	0.913293E-07	0.109234E-08	0.387637E-08	0.000000E+00
271	0.458085E-06	0.629077E-07	0.129624E-06	0.105204E-08	0.396676E-08	0.222978E-10
272	0.458395E-06	0.679128E-07	0.351045E-06	0.719150E-09	0.387181E-08	0.418597E-10
273	0.458448E-06	0.666723E-07	0.290838E-06	0.687785E-09	0.380276E-08	0.000000E+00
274	0.458395E-06	0.656613E-07	0.249740E-06	0.684767E-09	0.381257E-08	0.000000E+00
275	0.458297E-06	0.646165E-07	0.210765E-06	0.727402E-09	0.381993E-08	0.000000E+00
276	0.458128E-06	0.632347E-07	0.161609E-06	0.845654E-09	0.381545E-08	0.000000E+00
277	0.457935E-06	0.620791E-07	0.121309E-06	0.966319E-09	0.381584E-08	0.000000E+00
278	0.457783E-06	0.614783E-07	0.103000E-06	0.102249E-08	0.383708E-08	0.000000E+00
279	0.457618E-06	0.611329E-07	0.100374E-06	0.104263E-08	0.388673E-08	0.000000E+00
280	0.457361E-06	0.611183E-07	0.125067E-06	0.101514E-08	0.400613E-08	0.890009E-10
281	0.456784E-06	0.694822E-07	0.364762E-06	0.755768E-09	0.387445E-08	0.139762E-09
282	0.456857E-06	0.674834E-07	0.304920E-06	0.721082E-09	0.380165E-08	0.000000E+00

283	0.456818E-06	0.659991E-07	0.264770E-06	0.702658E-09	0.383066E-08	0.000000E+00
284	0.456731E-06	0.645235E-07	0.227271E-06	0.715473E-09	0.384535E-08	0.000000E+00
285	0.456558E-06	0.625981E-07	0.180687E-06	0.790578E-09	0.382862E-08	0.000000E+00
286	0.456331E-06	0.609306E-07	0.142053E-06	0.891206E-09	0.381135E-08	0.000000E+00
287	0.456132E-06	0.599677E-07	0.122003E-06	0.949902E-09	0.383051E-08	0.000000E+00
288	0.455903E-06	0.592698E-07	0.112970E-06	0.983789E-09	0.389057E-08	0.000000E+00
289	0.455542E-06	0.588065E-07	0.124741E-06	0.981922E-09	0.403355E-08	0.174224E-09
290	0.454085E-06	0.711983E-07	0.379543E-06	0.779833E-09	0.390254E-08	0.246835E-09
291	0.454143E-06	0.684281E-07	0.319449E-06	0.737709E-09	0.383023E-08	0.000000E+00
292	0.454114E-06	0.664092E-07	0.279641E-06	0.707413E-09	0.388332E-08	0.000000E+00
293	0.454043E-06	0.644133E-07	0.242952E-06	0.698405E-09	0.390842E-08	0.000000E+00
294	0.453886E-06	0.617916E-07	0.198087E-06	0.735865E-09	0.387636E-08	0.000000E+00
295	0.453655E-06	0.594601E-07	0.160839E-06	0.811344E-09	0.382714E-08	0.000000E+00
296	0.453434E-06	0.580428E-07	0.140048E-06	0.866253E-09	0.382822E-08	0.000000E+00
297	0.453163E-06	0.569275E-07	0.127075E-06	0.908132E-09	0.388249E-08	0.000000E+00
298	0.452709E-06	0.559831E-07	0.128101E-06	0.931021E-09	0.403571E-08	0.271981E-09
299	0.450327E-06	0.730534E-07	0.394978E-06	0.768994E-09	0.395681E-08	0.358541E-09
300	0.450343E-06	0.695422E-07	0.334114E-06	0.719296E-09	0.388478E-08	0.000000E+00
301	0.450326E-06	0.669325E-07	0.294166E-06	0.683742E-09	0.396080E-08	0.000000E+00
302	0.450282E-06	0.643185E-07	0.257742E-06	0.664692E-09	0.399564E-08	0.000000E+00
303	0.450166E-06	0.608566E-07	0.213829E-06	0.677181E-09	0.394718E-08	0.000000E+00
304	0.449970E-06	0.577236E-07	0.177531E-06	0.725796E-09	0.385949E-08	0.000000E+00
305	0.449760E-06	0.557622E-07	0.156423E-06	0.768864E-09	0.383160E-08	0.000000E+00
306	0.449478E-06	0.541526E-07	0.141050E-06	0.809085E-09	0.386520E-08	0.000000E+00
307	0.448950E-06	0.526555E-07	0.133985E-06	0.848704E-09	0.400838E-08	0.384749E-09
308	0.445632E-06	0.753056E-07	0.410268E-06	0.687229E-09	0.402900E-08	0.484621E-09
309	0.445598E-06	0.709858E-07	0.348419E-06	0.643771E-09	0.395275E-08	0.000000E+00
310	0.445589E-06	0.676338E-07	0.308113E-06	0.620164E-09	0.404391E-08	0.000000E+00
311	0.445572E-06	0.642811E-07	0.271626E-06	0.608466E-09	0.408335E-08	0.000000E+00
312	0.445514E-06	0.598476E-07	0.228015E-06	0.612739E-09	0.401994E-08	0.000000E+00
313	0.445384E-06	0.557992E-07	0.192018E-06	0.635450E-09	0.389891E-08	0.000000E+00
314	0.445215E-06	0.532165E-07	0.170533E-06	0.658789E-09	0.384163E-08	0.000000E+00
315	0.444954E-06	0.510406E-07	0.153522E-06	0.685835E-09	0.384695E-08	0.000000E+00
316	0.444385E-06	0.489052E-07	0.140762E-06	0.728103E-09	0.395846E-08	0.514019E-09
317	0.440206E-06	0.786963E-07	0.424712E-06	0.574793E-09	0.410204E-08	0.644450E-09
318	0.440130E-06	0.728550E-07	0.362050E-06	0.553278E-09	0.400217E-08	0.000000E+00
319	0.440116E-06	0.685340E-07	0.321448E-06	0.548541E-09	0.409573E-08	0.000000E+00
320	0.440122E-06	0.643278E-07	0.284770E-06	0.546704E-09	0.413517E-08	0.000000E+00
321	0.440126E-06	0.588260E-07	0.240858E-06	0.544586E-09	0.406579E-08	0.000000E+00
322	0.440075E-06	0.537948E-07	0.204240E-06	0.542278E-09	0.393120E-08	0.000000E+00
323	0.439965E-06	0.505461E-07	0.181876E-06	0.542800E-09	0.385725E-08	0.000000E+00
324	0.439753E-06	0.477682E-07	0.163335E-06	0.548647E-09	0.383831E-08	0.000000E+00
325	0.439194E-06	0.449928E-07	0.146629E-06	0.576572E-09	0.390274E-08	0.657253E-09
326	0.434417E-06	0.832369E-07	0.437747E-06	0.546468E-09	0.413889E-08	0.788227E-09
327	0.434261E-06	0.750261E-07	0.374844E-06	0.558062E-09	0.400566E-08	0.000000E+00
328	0.434240E-06	0.695956E-07	0.334197E-06	0.537728E-09	0.408712E-08	0.000000E+00
329	0.434263E-06	0.644519E-07	0.297289E-06	0.509129E-09	0.412223E-08	0.000000E+00
330	0.434318E-06	0.578577E-07	0.252429E-06	0.470662E-09	0.406169E-08	0.000000E+00
331	0.434340E-06	0.518514E-07	0.214050E-06	0.445881E-09	0.394428E-08	0.000000E+00
332	0.434293E-06	0.479440E-07	0.190029E-06	0.433857E-09	0.387580E-08	0.000000E+00
333	0.434143E-06	0.445871E-07	0.169638E-06	0.423720E-09	0.384716E-08	0.000000E+00
334	0.433654E-06	0.413447E-07	0.150094E-06	0.422373E-09	0.386273E-08	0.788327E-09
335	0.430099E-06	0.864770E-07	0.446201E-06	0.671419E-09	0.411373E-08	0.921165E-09
336	0.429873E-06	0.767490E-07	0.383820E-06	0.656736E-09	0.397873E-08	0.000000E+00
337	0.429839E-06	0.704030E-07	0.343310E-06	0.580867E-09	0.404110E-08	0.000000E+00
338	0.429862E-06	0.645596E-07	0.306113E-06	0.490146E-09	0.406881E-08	0.000000E+00
339	0.429943E-06	0.572024E-07	0.259980E-06	0.396643E-09	0.402456E-08	0.000000E+00
340	0.430014E-06	0.505298E-07	0.219468E-06	0.374512E-09	0.393930E-08	0.000000E+00
341	0.430010E-06	0.461679E-07	0.193684E-06	0.376169E-09	0.388894E-08	0.000000E+00
342	0.429910E-06	0.424214E-07	0.171674E-06	0.368298E-09	0.386361E-08	0.000000E+00

343	0.429501E-06	0.390029E-07	0.150576E-06	0.337262E-09	0.385116E-08	0.883703E-09
344	0.426026E-06	0.894163E-07	0.454016E-06	0.822322E-09	0.405515E-08	0.102056E-08
345	0.425736E-06	0.782308E-07	0.392480E-06	0.784482E-09	0.392965E-08	0.000000E+00
346	0.425658E-06	0.710521E-07	0.351995E-06	0.642745E-09	0.396978E-08	0.000000E+00
347	0.425678E-06	0.646299E-07	0.314176E-06	0.470161E-09	0.398988E-08	0.000000E+00
348	0.425805E-06	0.566456E-07	0.266097E-06	0.304542E-09	0.396748E-08	0.000000E+00
349	0.425935E-06	0.494063E-07	0.222777E-06	0.329395E-09	0.392254E-08	0.000000E+00
350	0.425968E-06	0.446560E-07	0.194903E-06	0.370456E-09	0.389631E-08	0.000000E+00
351	0.425910E-06	0.405736E-07	0.171233E-06	0.371805E-09	0.388081E-08	0.000000E+00
352	0.425600E-06	0.370817E-07	0.149158E-06	0.303064E-09	0.385607E-08	0.958588E-09
353	0.422253E-06	0.919849E-07	0.461308E-06	0.988648E-09	0.396682E-08	0.111997E-08
354	0.421879E-06	0.790868E-07	0.400928E-06	0.912808E-09	0.388216E-08	0.000000E+00
355	0.421806E-06	0.714569E-07	0.360131E-06	0.698824E-09	0.390139E-08	0.000000E+00
356	0.421904E-06	0.646951E-07	0.321142E-06	0.439376E-09	0.391187E-08	0.000000E+00
357	0.422137E-06	0.562378E-07	0.270375E-06	0.200443E-09	0.390635E-08	0.000000E+00
358	0.422361E-06	0.485426E-07	0.223734E-06	0.330478E-09	0.389425E-08	0.000000E+00
359	0.422454E-06	0.434710E-07	0.193618E-06	0.416058E-09	0.388943E-08	0.000000E+00
360	0.422429E-06	0.391152E-07	0.168409E-06	0.425063E-09	0.388774E-08	0.000000E+00
361	0.422188E-06	0.355362E-07	0.146022E-06	0.325872E-09	0.387557E-08	0.102032E-08
362	0.418400E-06	0.927830E-07	0.468970E-06	0.115745E-08	0.388674E-08	0.120717E-08
363	0.418313E-06	0.793845E-07	0.409336E-06	0.995435E-09	0.385916E-08	0.000000E+00
364	0.418536E-06	0.718081E-07	0.367549E-06	0.717442E-09	0.386943E-08	0.000000E+00
365	0.418794E-06	0.648440E-07	0.326767E-06	0.415163E-09	0.386934E-08	0.000000E+00
366	0.419142E-06	0.560423E-07	0.272855E-06	0.110241E-09	0.386332E-08	0.000000E+00
367	0.419458E-06	0.479913E-07	0.222799E-06	0.289309E-09	0.385854E-08	0.000000E+00
368	0.419653E-06	0.426816E-07	0.190451E-06	0.400496E-09	0.386027E-08	0.000000E+00
369	0.419792E-06	0.380717E-07	0.163763E-06	0.434556E-09	0.387117E-08	0.000000E+00
370	0.419730E-06	0.342609E-07	0.141519E-06	0.344492E-09	0.389115E-08	0.106866E-08
371	0.413806E-06	0.917691E-07	0.540942E-06	0.704081E-09	0.375965E-08	0.412189E-09
372	0.415096E-06	0.908217E-07	0.475301E-06	0.998041E-09	0.370610E-08	0.720518E-09
373	0.416141E-06	0.796036E-07	0.416060E-06	0.720818E-09	0.384656E-08	0.789983E-09
374	0.416517E-06	0.720891E-07	0.373151E-06	0.570212E-09	0.387312E-08	0.717560E-09
375	0.416783E-06	0.650974E-07	0.330971E-06	0.423945E-09	0.386508E-08	0.686220E-09
376	0.417077E-06	0.560718E-07	0.274954E-06	0.239546E-09	0.385321E-08	0.677533E-09
377	0.417355E-06	0.477985E-07	0.222625E-06	0.109145E-09	0.384505E-08	0.694534E-09
378	0.417576E-06	0.423699E-07	0.188604E-06	0.860925E-10	0.384527E-08	0.719041E-09
379	0.417848E-06	0.376397E-07	0.160413E-06	0.122180E-09	0.386759E-08	0.764084E-09
380	0.418514E-06	0.332308E-07	0.137575E-06	0.249269E-09	0.394665E-08	0.681399E-09
381	0.419266E-06	0.281485E-07	0.141768E-06	0.264842E-10	0.399954E-08	0.375908E-09
382	0.416793E-06	0.919529E-07	0.543301E-06	0.751762E-09	0.380345E-08	0.422619E-09
383	0.416578E-06	0.880344E-07	0.478025E-06	0.844259E-09	0.373908E-08	0.000000E+00
384	0.416468E-06	0.793804E-07	0.418420E-06	0.684778E-09	0.385785E-08	0.000000E+00
385	0.416598E-06	0.721749E-07	0.375158E-06	0.572789E-09	0.387461E-08	0.000000E+00
386	0.416645E-06	0.652729E-07	0.332615E-06	0.469123E-09	0.386704E-08	0.000000E+00
387	0.416649E-06	0.562064E-07	0.276083E-06	0.342902E-09	0.385296E-08	0.000000E+00
388	0.416636E-06	0.478272E-07	0.223235E-06	0.236970E-09	0.384341E-08	0.000000E+00
389	0.416650E-06	0.423389E-07	0.188789E-06	0.170958E-09	0.384337E-08	0.000000E+00
390	0.416720E-06	0.375983E-07	0.160017E-06	0.117523E-09	0.386098E-08	0.000000E+00
391	0.416723E-06	0.327312E-07	0.136272E-06	0.869500E-10	0.393733E-08	0.000000E+00
392	0.416680E-06	0.281606E-07	0.141126E-06	0.932491E-10	0.394807E-08	0.452260E-09
393	0.418435E-06	0.919662E-07	0.546139E-06	0.714815E-09	0.384182E-08	0.485753E-09
394	0.417989E-06	0.863931E-07	0.479585E-06	0.727931E-09	0.383753E-08	0.000000E+00
395	0.417377E-06	0.787579E-07	0.418936E-06	0.628161E-09	0.389296E-08	0.000000E+00
396	0.417024E-06	0.721486E-07	0.375237E-06	0.547465E-09	0.389363E-08	0.000000E+00
397	0.416717E-06	0.653520E-07	0.332402E-06	0.475453E-09	0.387706E-08	0.000000E+00
398	0.416271E-06	0.562656E-07	0.275643E-06	0.389595E-09	0.384978E-08	0.000000E+00
399	0.415839E-06	0.478135E-07	0.222775E-06	0.310129E-09	0.382707E-08	0.000000E+00
400	0.415564E-06	0.422968E-07	0.188392E-06	0.250864E-09	0.381743E-08	0.000000E+00
401	0.415303E-06	0.375446E-07	0.159675E-06	0.189124E-09	0.382132E-08	0.000000E+00
402	0.414955E-06	0.323964E-07	0.135822E-06	0.806185E-10	0.385967E-08	0.000000E+00

403	0.414745E-06	0.280668E-07	0.140392E-06	0.984782E-10	0.388820E-08	0.520682E-09
404	0.419877E-06	0.919216E-07	0.549296E-06	0.690716E-09	0.389685E-08	0.501709E-09
405	0.419373E-06	0.855487E-07	0.481007E-06	0.642071E-09	0.395650E-08	0.000000E+00
406	0.418447E-06	0.782160E-07	0.418960E-06	0.538120E-09	0.394974E-08	0.000000E+00
407	0.417696E-06	0.719558E-07	0.374732E-06	0.461532E-09	0.391705E-08	0.000000E+00
408	0.416940E-06	0.653110E-07	0.331635E-06	0.393445E-09	0.388425E-08	0.000000E+00
409	0.415910E-06	0.562217E-07	0.274753E-06	0.312022E-09	0.384423E-08	0.000000E+00
410	0.414941E-06	0.477370E-07	0.221957E-06	0.238656E-09	0.380892E-08	0.000000E+00
411	0.414306E-06	0.422214E-07	0.187721E-06	0.187962E-09	0.378634E-08	0.000000E+00
412	0.413743E-06	0.374470E-07	0.159207E-06	0.137156E-09	0.377044E-08	0.000000E+00
413	0.413136E-06	0.321712E-07	0.135445E-06	0.625424E-10	0.377184E-08	0.000000E+00
414	0.412840E-06	0.279726E-07	0.139587E-06	0.104657E-09	0.382554E-08	0.530698E-09
415	0.421720E-06	0.918818E-07	0.552540E-06	0.695560E-09	0.393968E-08	0.521080E-09
416	0.421124E-06	0.851584E-07	0.483143E-06	0.627006E-09	0.401676E-08	0.591110E-09
417	0.419746E-06	0.778428E-07	0.420194E-06	0.510878E-09	0.399092E-08	0.650198E-09
418	0.418519E-06	0.716991E-07	0.375582E-06	0.419187E-09	0.393206E-08	0.691766E-09
419	0.417240E-06	0.651269E-07	0.332224E-06	0.329117E-09	0.388487E-08	0.719379E-09
420	0.415517E-06	0.560523E-07	0.275080E-06	0.217661E-09	0.384373E-08	0.731520E-09
421	0.413916E-06	0.475769E-07	0.222062E-06	0.118728E-09	0.380720E-08	0.714320E-09
422	0.412866E-06	0.420726E-07	0.187636E-06	0.560488E-10	0.377367E-08	0.683751E-09
423	0.411950E-06	0.372899E-07	0.158917E-06	0.438423E-10	0.374315E-08	0.642072E-09
424	0.411023E-06	0.319758E-07	0.134816E-06	0.948040E-10	0.373153E-08	0.582803E-09
425	0.410672E-06	0.279656E-07	0.138606E-06	0.113672E-09	0.376873E-08	0.534110E-09
426	0.948657E-03	0.187043E-08	0.948643E-03	0.711542E-09	0.296402E-04	0.000000E+00
427	0.396687E-07	0.114018E-08	0.918383E-08	0.319354E-09	0.522304E-08	0.000000E+00

MAXIMUM X1 = 0.94865672E-03 AT NODE 426
 MAXIMUM X2 = 0.92782980E-07 AT NODE 362
 MAXIMUM X3 = 0.94864254E-03 AT NODE 426
 MAXIMUM X4 = 0.17034554E-08 AT NODE 100
 MAXIMUM X5 = 0.29640231E-04 AT NODE 426
 MAXIMUM X6 = 0.12071737E-08 AT NODE 362

*****NODAL ACCELERATIONS, DISTRIBUTED FORCE EXCITATION.(UNITS/SEC2)
 ***** (THE MAXIMUM ACCELERATION LAGS THE MAXIMUM DISPLACEMENT BY 180
 DEGREES)

JOINT	X1 ACCELER	X2 ACCELER	X3 ACCELER	THETA 1 ACCELER	THETA 2 ACCELER	THETA 3 ACCELER
1	0.233676E-02	0.136771E-02	0.866241E-02	0.153276E-04	0.109228E-03	0.209695E-04
2	0.233748E-02	0.104350E-02	0.690096E-02	0.150509E-04	0.108863E-03	0.194625E-04
3	0.233679E-02	0.813844E-03	0.564212E-02	0.150505E-04	0.108070E-03	0.186452E-04
4	0.233697E-02	0.591844E-03	0.441798E-02	0.154953E-04	0.107189E-03	0.179878E-04
5	0.233971E-02	0.294928E-03	0.284669E-02	0.168895E-04	0.106182E-03	0.176883E-04
6	0.234494E-02	0.685879E-04	0.169841E-02	0.190184E-04	0.105594E-03	0.179799E-04
7	0.234996E-02	0.245962E-03	0.170503E-02	0.208353E-04	0.105400E-03	0.185793E-04
8	0.235486E-02	0.471145E-03	0.247552E-02	0.227722E-04	0.105241E-03	0.193538E-04
9	0.235637E-02	0.794843E-03	0.397117E-02	0.247369E-04	0.105238E-03	0.208389E-04
10	0.207012E-02	0.136958E-02	0.886421E-02	0.162023E-04	0.108890E-03	0.225690E-04
11	0.206870E-02	0.104098E-02	0.711246E-02	0.154402E-04	0.108285E-03	0.000000E+00
12	0.206819E-02	0.812680E-03	0.586570E-02	0.152693E-04	0.107281E-03	0.000000E+00
13	0.206874E-02	0.591070E-03	0.465690E-02	0.156822E-04	0.106190E-03	0.000000E+00
14	0.207059E-02	0.294705E-03	0.310704E-02	0.171545E-04	0.104983E-03	0.000000E+00
15	0.207312E-02	0.668524E-04	0.192446E-02	0.194149E-04	0.104244E-03	0.000000E+00
16	0.207529E-02	0.243960E-03	0.176117E-02	0.213490E-04	0.104002E-03	0.000000E+00
17	0.207781E-02	0.468015E-03	0.236851E-02	0.233756E-04	0.104011E-03	0.000000E+00

18	0.208124E-02	0.794839E-03	0.376034E-02	0.258193E-04	0.104410E-03	0.222152E-04
19	0.172627E-02	0.135602E-02	0.916805E-02	0.178415E-04	0.108204E-03	0.223077E-04
20	0.172297E-02	0.103236E-02	0.743587E-02	0.168384E-04	0.107471E-03	0.000000E+00
21	0.172165E-02	0.806670E-03	0.620819E-02	0.166506E-04	0.106266E-03	0.000000E+00
22	0.172114E-02	0.587948E-03	0.502320E-02	0.170721E-04	0.104960E-03	0.000000E+00
23	0.172157E-02	0.294976E-03	0.350863E-02	0.185157E-04	0.103500E-03	0.000000E+00
24	0.172309E-02	0.641829E-04	0.230839E-02	0.206602E-04	0.102601E-03	0.000000E+00
25	0.172495E-02	0.235757E-03	0.196554E-02	0.224639E-04	0.102325E-03	0.000000E+00
26	0.172752E-02	0.456490E-03	0.232409E-02	0.243870E-04	0.102365E-03	0.000000E+00
27	0.173230E-02	0.777347E-03	0.352460E-02	0.269171E-04	0.102808E-03	0.216911E-04
28	0.145525E-02	0.132953E-02	0.950187E-02	0.191296E-04	0.107246E-03	0.216562E-04
29	0.145121E-02	0.101268E-02	0.779679E-02	0.184473E-04	0.106518E-03	0.000000E+00
30	0.144955E-02	0.792611E-03	0.659220E-02	0.185424E-04	0.105300E-03	0.000000E+00
31	0.144883E-02	0.579533E-03	0.543306E-02	0.191595E-04	0.103998E-03	0.000000E+00
32	0.144916E-02	0.294595E-03	0.395407E-02	0.205878E-04	0.102590E-03	0.000000E+00
33	0.145101E-02	0.594085E-04	0.275163E-02	0.223574E-04	0.101773E-03	0.000000E+00
34	0.145342E-02	0.218874E-03	0.229042E-02	0.237245E-04	0.101556E-03	0.000000E+00
35	0.145683E-02	0.432800E-03	0.242165E-02	0.251414E-04	0.101647E-03	0.000000E+00
36	0.146304E-02	0.744530E-03	0.339511E-02	0.269868E-04	0.102130E-03	0.207780E-04
37	0.129044E-02	0.128842E-02	0.987233E-02	0.201682E-04	0.105737E-03	0.207713E-04
38	0.128865E-02	0.981012E-03	0.820760E-02	0.202566E-04	0.105204E-03	0.000000E+00
39	0.128846E-02	0.768912E-03	0.703353E-02	0.209158E-04	0.104226E-03	0.000000E+00
40	0.128897E-02	0.564612E-03	0.590429E-02	0.219136E-04	0.103240E-03	0.000000E+00
41	0.129055E-02	0.292366E-03	0.445977E-02	0.233885E-04	0.102337E-03	0.000000E+00
42	0.129316E-02	0.538414E-04	0.325587E-02	0.246148E-04	0.101994E-03	0.000000E+00
43	0.129576E-02	0.192827E-03	0.270956E-02	0.252919E-04	0.102042E-03	0.000000E+00
44	0.129899E-02	0.396407E-03	0.264968E-02	0.258637E-04	0.102307E-03	0.000000E+00
45	0.130425E-02	0.694990E-03	0.337840E-02	0.264768E-04	0.102847E-03	0.195920E-04
46	0.125830E-02	0.123091E-02	0.102822E-01	0.211519E-04	0.103350E-03	0.197946E-04
47	0.126186E-02	0.935839E-03	0.867938E-02	0.225140E-04	0.103237E-03	0.000000E+00
48	0.126503E-02	0.734041E-03	0.754850E-02	0.240339E-04	0.102832E-03	0.000000E+00
49	0.126823E-02	0.541270E-03	0.645674E-02	0.255939E-04	0.102575E-03	0.000000E+00
50	0.127223E-02	0.287005E-03	0.504620E-02	0.271567E-04	0.102781E-03	0.000000E+00
51	0.127551E-02	0.518702E-04	0.383257E-02	0.276461E-04	0.103442E-03	0.000000E+00
52	0.127741E-02	0.157436E-03	0.321107E-02	0.273717E-04	0.104039E-03	0.000000E+00
53	0.127894E-02	0.346235E-03	0.298588E-02	0.267709E-04	0.104652E-03	0.000000E+00
54	0.128048E-02	0.625944E-03	0.346240E-02	0.256535E-04	0.105301E-03	0.180309E-04
55	0.134931E-02	0.115601E-02	0.107333E-01	0.224001E-04	0.996515E-04	0.186724E-04
56	0.135992E-02	0.874741E-03	0.922531E-02	0.254937E-04	0.100286E-03	0.000000E+00
57	0.136764E-02	0.684978E-03	0.815723E-02	0.281454E-04	0.100940E-03	0.000000E+00
58	0.137419E-02	0.506943E-03	0.711501E-02	0.304213E-04	0.101991E-03	0.000000E+00
59	0.138103E-02	0.276541E-03	0.573879E-02	0.320198E-04	0.104089E-03	0.000000E+00
60	0.138426E-02	0.592298E-04	0.449967E-02	0.314440E-04	0.106377E-03	0.000000E+00
61	0.138457E-02	0.112660E-03	0.379561E-02	0.298974E-04	0.107829E-03	0.000000E+00
62	0.138315E-02	0.280059E-03	0.341097E-02	0.278087E-04	0.108959E-03	0.000000E+00
63	0.137866E-02	0.532430E-03	0.362331E-02	0.245934E-04	0.109737E-03	0.158900E-04
64	0.152380E-02	0.106244E-02	0.112243E-01	0.242963E-04	0.943216E-04	0.181187E-04
65	0.154320E-02	0.794050E-03	0.985507E-02	0.289764E-04	0.962849E-04	0.000000E+00
66	0.155390E-02	0.617637E-03	0.887753E-02	0.329095E-04	0.988041E-04	0.000000E+00
67	0.156338E-02	0.458741E-03	0.790235E-02	0.361269E-04	0.101961E-03	0.000000E+00
68	0.156898E-02	0.262586E-03	0.655981E-02	0.374801E-04	0.106804E-03	0.000000E+00
69	0.157017E-02	0.761179E-04	0.526943E-02	0.351583E-04	0.111236E-03	0.000000E+00
70	0.156729E-02	0.573868E-04	0.446200E-02	0.319631E-04	0.113698E-03	0.000000E+00
71	0.156158E-02	0.195103E-03	0.390676E-02	0.282337E-04	0.115343E-03	0.000000E+00
72	0.154960E-02	0.407330E-03	0.383223E-02	0.230438E-04	0.116099E-03	0.128322E-04
73	0.175710E-02	0.946349E-03	0.117352E-01	0.264539E-04	0.877661E-04	0.185197E-04
74	0.177634E-02	0.682019E-03	0.105493E-01	0.314144E-04	0.924818E-04	0.000000E+00
75	0.178972E-02	0.536349E-03	0.970069E-02	0.363783E-04	0.984468E-04	0.000000E+00
76	0.178637E-02	0.408385E-03	0.881892E-02	0.410237E-04	0.104344E-03	0.000000E+00
77	0.178728E-02	0.240758E-03	0.749910E-02	0.409936E-04	0.112077E-03	0.000000E+00

78	0.177709E-02	0.106686E-03	0.611133E-02	0.355644E-04	0.118488E-03	0.000000E+00
79	0.176564E-02	0.157049E-04	0.517043E-02	0.306691E-04	0.121570E-03	0.000000E+00
80	0.175290E-02	0.904052E-04	0.442963E-02	0.258568E-04	0.123225E-03	0.000000E+00
81	0.173234E-02	0.245833E-03	0.405168E-02	0.199670E-04	0.123440E-03	0.835969E-05
82	0.203189E-02	0.737324E-03	0.121683E-01	0.241083E-04	0.801706E-04	0.128051E-04
83	0.205925E-02	0.595001E-03	0.111676E-01	0.294150E-04	0.916780E-04	0.000000E+00
84	0.202027E-02	0.460116E-03	0.105255E-01	0.313230E-04	0.105974E-03	0.000000E+00
85	0.203462E-02	0.330753E-03	0.980664E-02	0.437386E-04	0.113795E-03	0.000000E+00
86	0.199154E-02	0.248372E-03	0.844677E-02	0.356818E-04	0.120841E-03	0.000000E+00
87	0.194333E-02	0.162981E-03	0.687896E-02	0.260111E-04	0.127433E-03	0.000000E+00
88	0.191641E-02	0.102869E-03	0.578138E-02	0.209951E-04	0.129617E-03	0.000000E+00
89	0.189477E-02	0.507827E-04	0.486501E-02	0.171482E-04	0.130181E-03	0.000000E+00
90	0.186735E-02	0.673605E-04	0.421686E-02	0.132573E-04	0.129173E-03	0.322331E-05
91	0.214657E-02	0.500135E-03	0.123805E-01	0.167309E-04	0.759852E-04	0.240278E-05
92	0.225559E-02	0.458158E-03	0.114062E-01	0.135805E-04	0.848215E-04	0.000000E+00
93	0.244194E-02	0.415989E-03	0.109472E-01	0.113233E-04	0.190431E-03	0.000000E+00
94	0.221130E-02	0.367339E-03	0.103577E-01	0.933107E-05	0.118821E-03	0.000000E+00
95	0.206382E-02	0.293750E-03	0.886364E-02	0.742562E-05	0.125781E-03	0.000000E+00
96	0.199340E-02	0.222915E-03	0.718248E-02	0.672577E-05	0.130981E-03	0.000000E+00
97	0.196063E-02	0.177708E-03	0.601378E-02	0.693226E-05	0.131927E-03	0.000000E+00
98	0.193683E-02	0.142492E-03	0.502380E-02	0.753780E-05	0.131709E-03	0.000000E+00
99	0.190922E-02	0.117290E-03	0.425248E-02	0.864239E-05	0.130054E-03	0.124458E-05
100	0.206490E-02	0.282832E-03	0.125420E-01	0.465701E-04	0.793483E-04	0.170748E-04
101	0.208813E-02	0.334595E-03	0.115148E-01	0.424052E-04	0.890652E-04	0.000000E+00
102	0.204190E-02	0.380428E-03	0.108555E-01	0.225940E-04	0.103136E-03	0.000000E+00
103	0.205866E-02	0.407525E-03	0.101145E-01	0.257381E-04	0.111810E-03	0.000000E+00
104	0.201238E-02	0.340689E-03	0.871777E-02	0.204202E-04	0.120021E-03	0.000000E+00
105	0.196276E-02	0.279086E-03	0.710817E-02	0.131613E-04	0.126376E-03	0.000000E+00
106	0.193645E-02	0.245652E-03	0.596973E-02	0.963509E-05	0.128106E-03	0.000000E+00
107	0.191672E-02	0.229086E-03	0.498954E-02	0.764921E-05	0.128267E-03	0.000000E+00
108	0.189412E-02	0.246718E-03	0.418966E-02	0.783802E-05	0.126997E-03	0.502826E-05
109	0.189529E-02	0.181053E-03	0.126567E-01	0.430434E-04	0.857265E-04	0.216842E-04
110	0.190089E-02	0.309658E-03	0.114556E-01	0.327060E-04	0.899904E-04	0.000000E+00
111	0.190784E-02	0.347310E-03	0.105979E-01	0.251951E-04	0.968491E-04	0.000000E+00
112	0.189863E-02	0.358508E-03	0.969407E-02	0.242702E-04	0.103717E-03	0.000000E+00
113	0.189329E-02	0.350674E-03	0.830209E-02	0.246875E-04	0.112231E-03	0.000000E+00
114	0.187479E-02	0.314125E-03	0.679498E-02	0.200868E-04	0.118340E-03	0.000000E+00
115	0.185924E-02	0.294721E-03	0.573219E-02	0.158743E-04	0.120612E-03	0.000000E+00
116	0.184676E-02	0.294106E-03	0.481164E-02	0.121663E-04	0.121408E-03	0.000000E+00
117	0.183373E-02	0.345324E-03	0.404836E-02	0.964037E-05	0.120925E-03	0.799276E-05
118	0.175246E-02	0.175824E-03	0.127510E-01	0.361894E-04	0.936293E-04	0.220752E-04
119	0.176270E-02	0.277957E-03	0.113510E-01	0.264756E-04	0.950710E-04	0.000000E+00
120	0.176967E-02	0.314727E-03	0.103473E-01	0.218349E-04	0.979968E-04	0.000000E+00
121	0.177639E-02	0.333718E-03	0.933290E-02	0.207722E-04	0.101776E-03	0.000000E+00
122	0.177646E-02	0.336827E-03	0.789518E-02	0.211068E-04	0.107250E-03	0.000000E+00
123	0.177061E-02	0.328493E-03	0.644037E-02	0.186229E-04	0.111348E-03	0.000000E+00
124	0.176162E-02	0.324013E-03	0.544162E-02	0.154647E-04	0.113034E-03	0.000000E+00
125	0.175095E-02	0.332158E-03	0.458500E-02	0.122253E-04	0.113807E-03	0.000000E+00
126	0.174320E-02	0.396772E-03	0.387476E-02	0.947127E-05	0.113589E-03	0.110829E-04
127	0.166694E-02	0.291490E-03	0.146240E-01	0.223563E-04	0.102672E-03	0.496380E-05
128	0.166821E-02	0.214172E-03	0.128303E-01	0.266758E-04	0.100491E-03	0.576805E-05
129	0.166788E-02	0.261173E-03	0.112810E-01	0.208357E-04	0.100227E-03	0.394600E-05
130	0.167455E-02	0.290098E-03	0.101813E-01	0.174893E-04	0.101000E-03	0.191593E-05
131	0.168058E-02	0.311244E-03	0.909515E-02	0.157055E-04	0.102289E-03	0.438901E-06
132	0.168648E-02	0.325534E-03	0.761624E-02	0.146325E-04	0.104755E-03	0.120166E-05
133	0.168671E-02	0.330570E-03	0.618243E-02	0.128016E-04	0.106827E-03	0.250161E-05
134	0.168309E-02	0.336502E-03	0.522272E-02	0.107441E-04	0.107692E-03	0.347551E-05
135	0.167571E-02	0.352342E-03	0.441083E-02	0.850977E-05	0.108156E-03	0.519656E-05
136	0.165916E-02	0.396335E-03	0.374154E-02	0.585467E-05	0.107696E-03	0.526504E-05
137	0.163337E-02	0.405079E-03	0.387903E-02	0.296882E-05	0.105901E-03	0.504614E-05

138	0.165458E-02	0.292888E-03	0.146690E-01	0.223570E-04	0.104260E-03	0.188092E-05
139	0.165136E-02	0.237474E-03	0.128563E-01	0.219291E-04	0.103333E-03	0.000000E+00
140	0.165155E-02	0.253846E-03	0.112499E-01	0.179832E-04	0.102727E-03	0.000000E+00
141	0.165755E-02	0.278337E-03	0.101109E-01	0.152579E-04	0.102567E-03	0.000000E+00
142	0.166491E-02	0.298472E-03	0.899494E-02	0.131917E-04	0.102791E-03	0.000000E+00
143	0.167285E-02	0.317278E-03	0.749724E-02	0.112128E-04	0.103857E-03	0.000000E+00
144	0.167594E-02	0.329538E-03	0.607014E-02	0.927974E-05	0.104884E-03	0.000000E+00
145	0.167459E-02	0.340177E-03	0.512661E-02	0.758373E-05	0.105305E-03	0.000000E+00
146	0.167057E-02	0.357735E-03	0.433501E-02	0.580214E-05	0.105574E-03	0.000000E+00
147	0.166860E-02	0.386637E-03	0.368976E-02	0.370499E-05	0.105481E-03	0.000000E+00
148	0.167152E-02	0.405777E-03	0.384414E-02	0.283918E-05	0.104797E-03	0.289352E-05
149	0.163778E-02	0.298019E-03	0.147291E-01	0.209626E-04	0.105762E-03	0.195652E-05
150	0.163792E-02	0.254291E-03	0.128885E-01	0.195349E-04	0.105520E-03	0.000000E+00
151	0.164048E-02	0.253968E-03	0.112420E-01	0.162257E-04	0.104604E-03	0.000000E+00
152	0.164636E-02	0.270912E-03	0.100761E-01	0.136684E-04	0.103831E-03	0.000000E+00
153	0.165467E-02	0.290122E-03	0.893967E-02	0.114340E-04	0.103331E-03	0.000000E+00
154	0.166579E-02	0.311842E-03	0.742784E-02	0.894615E-05	0.103379E-03	0.000000E+00
155	0.167375E-02	0.328907E-03	0.600353E-02	0.681884E-05	0.103593E-03	0.000000E+00
156	0.167720E-02	0.342180E-03	0.507014E-02	0.527303E-05	0.103624E-03	0.000000E+00
157	0.168022E-02	0.358166E-03	0.429166E-02	0.374244E-05	0.103689E-03	0.000000E+00
158	0.168607E-02	0.380551E-03	0.366048E-02	0.208102E-05	0.103728E-03	0.000000E+00
159	0.169044E-02	0.404534E-03	0.381796E-02	0.200107E-05	0.103539E-03	0.285252E-05
160	0.162253E-02	0.304513E-03	0.148058E-01	0.202878E-04	0.107322E-03	0.161103E-05
161	0.162464E-02	0.263124E-03	0.129401E-01	0.185496E-04	0.107272E-03	0.000000E+00
162	0.163009E-02	0.256179E-03	0.112632E-01	0.155019E-04	0.106155E-03	0.000000E+00
163	0.163792E-02	0.268255E-03	0.100768E-01	0.130653E-04	0.104974E-03	0.000000E+00
164	0.164855E-02	0.285875E-03	0.892394E-02	0.107750E-04	0.103968E-03	0.000000E+00
165	0.166463E-02	0.308941E-03	0.739920E-02	0.801758E-05	0.103263E-03	0.000000E+00
166	0.167953E-02	0.328429E-03	0.597382E-02	0.567587E-05	0.102835E-03	0.000000E+00
167	0.168929E-02	0.342385E-03	0.504546E-02	0.411013E-05	0.102525E-03	0.000000E+00
168	0.169857E-02	0.357197E-03	0.427377E-02	0.260611E-05	0.102379E-03	0.000000E+00
169	0.170874E-02	0.377816E-03	0.364740E-02	0.100635E-05	0.102410E-03	0.000000E+00
170	0.171479E-02	0.402476E-03	0.379997E-02	0.149058E-05	0.102362E-03	0.315966E-05
171	0.160837E-02	0.310471E-03	0.148931E-01	0.204333E-04	0.108474E-03	0.249574E-05
172	0.160909E-02	0.266997E-03	0.130089E-01	0.184924E-04	0.108611E-03	0.408168E-05
173	0.161798E-02	0.258806E-03	0.113060E-01	0.154673E-04	0.107439E-03	0.274184E-05
174	0.162941E-02	0.268806E-03	0.101020E-01	0.131023E-04	0.105991E-03	0.216307E-05
175	0.164458E-02	0.284963E-03	0.893482E-02	0.108082E-04	0.104606E-03	0.180577E-05
176	0.166828E-02	0.308083E-03	0.739716E-02	0.792530E-05	0.103301E-03	0.166433E-05
177	0.169214E-02	0.328146E-03	0.596776E-02	0.540287E-05	0.102340E-03	0.210489E-05
178	0.170889E-02	0.342015E-03	0.504066E-02	0.375848E-05	0.101733E-03	0.270556E-05
179	0.172493E-02	0.356539E-03	0.427104E-02	0.221919E-05	0.101396E-03	0.347834E-05
180	0.174340E-02	0.376716E-03	0.364234E-02	0.554166E-06	0.101421E-03	0.449027E-05
181	0.175026E-02	0.400859E-03	0.378531E-02	0.152374E-05	0.101391E-03	0.368907E-05
182	0.732116E-02	0.142649E-02	0.873326E-02	0.153034E-04	0.113751E-03	0.754764E-05
183	0.731100E-02	0.130013E-02	0.696168E-02	0.149384E-04	0.000000E+00	0.101598E-04
184	0.730386E-02	0.119393E-02	0.570177E-02	0.150556E-04	0.000000E+00	0.109971E-04
185	0.729746E-02	0.108535E-02	0.447052E-02	0.155295E-04	0.000000E+00	0.113066E-04
186	0.729067E-02	0.943105E-03	0.287994E-02	0.165610E-04	0.000000E+00	0.111475E-04
187	0.728689E-02	0.817975E-03	0.170650E-02	0.180269E-04	0.000000E+00	0.107267E-04
188	0.728615E-02	0.742390E-03	0.170575E-02	0.194518E-04	0.000000E+00	0.104299E-04
189	0.728729E-02	0.683276E-03	0.248488E-02	0.211492E-04	0.000000E+00	0.101902E-04
190	0.729273E-02	0.637332E-03	0.400247E-02	0.236176E-04	0.113245E-03	0.943454E-05
191	0.630467E-02	0.143413E-02	0.147205E-01	0.282771E-04	0.106395E-03	0.347299E-05
192	0.628949E-02	0.144640E-02	0.130186E-01	0.278211E-04	0.119680E-03	0.447805E-05
193	0.627942E-02	0.132671E-02	0.113640E-01	0.241683E-04	0.000000E+00	0.118038E-04
194	0.627968E-02	0.117836E-02	0.102003E-01	0.220282E-04	0.000000E+00	0.141576E-04
195	0.628539E-02	0.102238E-02	0.905991E-02	0.201581E-04	0.000000E+00	0.141057E-04
196	0.629767E-02	0.828463E-03	0.753766E-02	0.182917E-04	0.000000E+00	0.130122E-04
197	0.630961E-02	0.680189E-03	0.610324E-02	0.163783E-04	0.000000E+00	0.119574E-04

198	0.631546E-02	0.609988E-03	0.516047E-02	0.152593E-04	0.000000E+00	0.111786E-04
199	0.631773E-02	0.570766E-03	0.437255E-02	0.141757E-04	0.000000E+00	0.964662E-05
200	0.631541E-02	0.534702E-03	0.374331E-02	0.130928E-04	0.106813E-03	0.580517E-05
201	0.631064E-02	0.504735E-03	0.388171E-02	0.123262E-04	0.109252E-03	0.259825E-05
202	0.636980E-02	0.145009E-02	0.150721E-01	0.265378E-04	0.110044E-03	0.691809E-05
203	0.635485E-02	0.133448E-02	0.131258E-01	0.246250E-04	0.000000E+00	0.723524E-05
204	0.634344E-02	0.122035E-02	0.114122E-01	0.227828E-04	0.000000E+00	0.810366E-05
205	0.633612E-02	0.113100E-02	0.101993E-01	0.211545E-04	0.000000E+00	0.873523E-05
206	0.632952E-02	0.103736E-02	0.901929E-02	0.194407E-04	0.000000E+00	0.924741E-05
207	0.632210E-02	0.907098E-03	0.746662E-02	0.170908E-04	0.000000E+00	0.954992E-05
208	0.631695E-02	0.783464E-03	0.602909E-02	0.148714E-04	0.000000E+00	0.944596E-05
209	0.631464E-02	0.702523E-03	0.509739E-02	0.136256E-04	0.000000E+00	0.925955E-05
210	0.631337E-02	0.631864E-03	0.432214E-02	0.125701E-04	0.000000E+00	0.911190E-05
211	0.631225E-02	0.555353E-03	0.368167E-02	0.112365E-04	0.000000E+00	0.897942E-05
212	0.631089E-02	0.505929E-03	0.377458E-02	0.106742E-04	0.104244E-03	0.888804E-05
213	0.727885E-02	0.143099E-02	0.891633E-02	0.000000E+00	0.114847E-03	0.635912E-05
214	0.719977E-02	0.143505E-02	0.922293E-02	0.000000E+00	0.118139E-03	0.937473E-05
215	0.707299E-02	0.143861E-02	0.956120E-02	0.000000E+00	0.122146E-03	0.131666E-04
216	0.690403E-02	0.144262E-02	0.993503E-02	0.000000E+00	0.126179E-03	0.162128E-04
217	0.670346E-02	0.144366E-02	0.103435E-01	0.000000E+00	0.129942E-03	0.186287E-04
218	0.647984E-02	0.143443E-02	0.107796E-01	0.000000E+00	0.133289E-03	0.206759E-04
219	0.624643E-02	0.140543E-02	0.112274E-01	0.000000E+00	0.136072E-03	0.221251E-04
220	0.603544E-02	0.135652E-02	0.116490E-01	0.000000E+00	0.137812E-03	0.211592E-04
221	0.590548E-02	0.134662E-02	0.120120E-01	0.000000E+00	0.137086E-03	0.151663E-04
222	0.589268E-02	0.140453E-02	0.122471E-01	0.000000E+00	0.134283E-03	0.905600E-05
223	0.595418E-02	0.146994E-02	0.124360E-01	0.000000E+00	0.129708E-03	0.686861E-05
224	0.607052E-02	0.147966E-02	0.126187E-01	0.000000E+00	0.124372E-03	0.865580E-05
225	0.620460E-02	0.145657E-02	0.128045E-01	0.000000E+00	0.119297E-03	0.816605E-05
226	0.633581E-02	0.143674E-02	0.147936E-01	0.000000E+00	0.107566E-03	0.392915E-05
227	0.635445E-02	0.143997E-02	0.148716E-01	0.000000E+00	0.108436E-03	0.515049E-05
228	0.636412E-02	0.144439E-02	0.149604E-01	0.000000E+00	0.109195E-03	0.628491E-05
229	0.722511E-02	0.634468E-03	0.377425E-02	0.000000E+00	0.114496E-03	0.995861E-05
230	0.711617E-02	0.633095E-03	0.353624E-02	0.000000E+00	0.117404E-03	0.127907E-04
231	0.699281E-02	0.632799E-03	0.341370E-02	0.000000E+00	0.120299E-03	0.147341E-04
232	0.687828E-02	0.632148E-03	0.340830E-02	0.000000E+00	0.122657E-03	0.151533E-04
233	0.679260E-02	0.631497E-03	0.350519E-02	0.000000E+00	0.124206E-03	0.145867E-04
234	0.674360E-02	0.630816E-03	0.367495E-02	0.000000E+00	0.124727E-03	0.135221E-04
235	0.672577E-02	0.627781E-03	0.387702E-02	0.000000E+00	0.124082E-03	0.122060E-04
236	0.672029E-02	0.617173E-03	0.406131E-02	0.000000E+00	0.122243E-03	0.108139E-04
237	0.669954E-02	0.595324E-03	0.417422E-02	0.000000E+00	0.119366E-03	0.982921E-05
238	0.665693E-02	0.573764E-03	0.418713E-02	0.000000E+00	0.117101E-03	0.101869E-04
239	0.658327E-02	0.553449E-03	0.413313E-02	0.000000E+00	0.114396E-03	0.111963E-04
240	0.648323E-02	0.539254E-03	0.402231E-02	0.000000E+00	0.111669E-03	0.120084E-04
241	0.637569E-02	0.533579E-03	0.388200E-02	0.000000E+00	0.109317E-03	0.109718E-04
242	0.630706E-02	0.504495E-03	0.385747E-02	0.000000E+00	0.107905E-03	0.512299E-05
243	0.630672E-02	0.504542E-03	0.383124E-02	0.000000E+00	0.106654E-03	0.693781E-05
244	0.630783E-02	0.505022E-03	0.380385E-02	0.000000E+00	0.105448E-03	0.815571E-05
245	0.125263E-01	0.179350E-02	0.873881E-02	0.169893E-04	0.107360E-03	0.128261E-05
246	0.125245E-01	0.179679E-02	0.699163E-02	0.162318E-04	0.108759E-03	0.868987E-06
247	0.125206E-01	0.178817E-02	0.573077E-02	0.166532E-04	0.108637E-03	0.151136E-05
248	0.125151E-01	0.177409E-02	0.449761E-02	0.178406E-04	0.108204E-03	0.198883E-05
249	0.125056E-01	0.175350E-02	0.290249E-02	0.203723E-04	0.107796E-03	0.210988E-05
250	0.124953E-01	0.173707E-02	0.171910E-02	0.230064E-04	0.107472E-03	0.157231E-05
251	0.124886E-01	0.173184E-02	0.170806E-02	0.247690E-04	0.107324E-03	0.976961E-06
252	0.124838E-01	0.173624E-02	0.248671E-02	0.265162E-04	0.107029E-03	0.106137E-05
253	0.124815E-01	0.175728E-02	0.400890E-02	0.288876E-04	0.106431E-03	0.152477E-05
254	0.125406E-01	0.179778E-02	0.894602E-02	0.176697E-04	0.107479E-03	0.300443E-05
255	0.125387E-01	0.179736E-02	0.722924E-02	0.168366E-04	0.107084E-03	0.000000E+00
256	0.125355E-01	0.178642E-02	0.600405E-02	0.175369E-04	0.106964E-03	0.000000E+00
257	0.125314E-01	0.177130E-02	0.480973E-02	0.198306E-04	0.106808E-03	0.000000E+00

258	0.125252E-01	0.174911E-02	0.326989E-02	0.239293E-04	0.106559E-03	0.000000E+00
259	0.125193E-01	0.173190E-02	0.208125E-02	0.273628E-04	0.106322E-03	0.000000E+00
260	0.125156E-01	0.172645E-02	0.186915E-02	0.289531E-04	0.106192E-03	0.000000E+00
261	0.125127E-01	0.172898E-02	0.241651E-02	0.296454E-04	0.106225E-03	0.000000E+00
262	0.125098E-01	0.175152E-02	0.378493E-02	0.288370E-04	0.107520E-03	0.188016E-05
263	0.125479E-01	0.182113E-02	0.925495E-02	0.186981E-04	0.106417E-03	0.156057E-05
264	0.125479E-01	0.180578E-02	0.758154E-02	0.177888E-04	0.104917E-03	0.000000E+00
265	0.125456E-01	0.178866E-02	0.641462E-02	0.181749E-04	0.104916E-03	0.000000E+00
266	0.125425E-01	0.176862E-02	0.529035E-02	0.202052E-04	0.105003E-03	0.000000E+00
267	0.125378E-01	0.174107E-02	0.385363E-02	0.244264E-04	0.105003E-03	0.000000E+00
268	0.125333E-01	0.171904E-02	0.270318E-02	0.280449E-04	0.105026E-03	0.000000E+00
269	0.125303E-01	0.170957E-02	0.230117E-02	0.295140E-04	0.105264E-03	0.000000E+00
270	0.125275E-01	0.170785E-02	0.249681E-02	0.298630E-04	0.105975E-03	0.000000E+00
271	0.125234E-01	0.171981E-02	0.354374E-02	0.287612E-04	0.108446E-03	0.609591E-06
272	0.125319E-01	0.185664E-02	0.959708E-02	0.196605E-04	0.105850E-03	0.114438E-05
273	0.125333E-01	0.182273E-02	0.795110E-02	0.188031E-04	0.103962E-03	0.000000E+00
274	0.125319E-01	0.179509E-02	0.682754E-02	0.187206E-04	0.104230E-03	0.000000E+00
275	0.125292E-01	0.176653E-02	0.576203E-02	0.198861E-04	0.104431E-03	0.000000E+00
276	0.125246E-01	0.172875E-02	0.441815E-02	0.231190E-04	0.104309E-03	0.000000E+00
277	0.125193E-01	0.169715E-02	0.331641E-02	0.264178E-04	0.104320E-03	0.000000E+00
278	0.125151E-01	0.168073E-02	0.281588E-02	0.279533E-04	0.104900E-03	0.000000E+00
279	0.125106E-01	0.167129E-02	0.274408E-02	0.285040E-04	0.106258E-03	0.000000E+00
280	0.125036E-01	0.167089E-02	0.341917E-02	0.277525E-04	0.109522E-03	0.243316E-05
281	0.124878E-01	0.189955E-02	0.997207E-02	0.206616E-04	0.105922E-03	0.382091E-05
282	0.124898E-01	0.184490E-02	0.833608E-02	0.197134E-04	0.103932E-03	0.000000E+00
283	0.124888E-01	0.180432E-02	0.723843E-02	0.192097E-04	0.104725E-03	0.000000E+00
284	0.124864E-01	0.176398E-02	0.621328E-02	0.195600E-04	0.105127E-03	0.000000E+00
285	0.124816E-01	0.171134E-02	0.493973E-02	0.216133E-04	0.104669E-03	0.000000E+00
286	0.124755E-01	0.166576E-02	0.388353E-02	0.243643E-04	0.104197E-03	0.000000E+00
287	0.124700E-01	0.163943E-02	0.333538E-02	0.259690E-04	0.104721E-03	0.000000E+00
288	0.124637E-01	0.162035E-02	0.308845E-02	0.268954E-04	0.106363E-03	0.000000E+00
289	0.124539E-01	0.160769E-02	0.341025E-02	0.268444E-04	0.110272E-03	0.476303E-05
290	0.124140E-01	0.194646E-02	0.103762E-02	0.213195E-04	0.106690E-03	0.674811E-05
291	0.124156E-01	0.187073E-02	0.873329E-02	0.201679E-04	0.104713E-03	0.000000E+00
292	0.124148E-01	0.181553E-02	0.764498E-02	0.193397E-04	0.106165E-03	0.000000E+00
293	0.124129E-01	0.176097E-02	0.664196E-02	0.190934E-04	0.106851E-03	0.000000E+00
294	0.124086E-01	0.168930E-02	0.541541E-02	0.201175E-04	0.105974E-03	0.000000E+00
295	0.124023E-01	0.162556E-02	0.439711E-02	0.221810E-04	0.104629E-03	0.000000E+00
296	0.123962E-01	0.158681E-02	0.382872E-02	0.236821E-04	0.104658E-03	0.000000E+00
297	0.123888E-01	0.155632E-02	0.347405E-02	0.248271E-04	0.106142E-03	0.000000E+00
298	0.123764E-01	0.153050E-02	0.350210E-02	0.254528E-04	0.110331E-03	0.743559E-05
299	0.123113E-01	0.199718E-02	0.107981E-01	0.210232E-04	0.108174E-03	0.980202E-05
300	0.123117E-01	0.190119E-02	0.913420E-02	0.196646E-04	0.106204E-03	0.000000E+00
301	0.123113E-01	0.182984E-02	0.804208E-02	0.186925E-04	0.108283E-03	0.000000E+00
302	0.123101E-01	0.175838E-02	0.704631E-02	0.181717E-04	0.109235E-03	0.000000E+00
303	0.123069E-01	0.166373E-02	0.584579E-02	0.185132E-04	0.107910E-03	0.000000E+00
304	0.123015E-01	0.157808E-02	0.485343E-02	0.198423E-04	0.105513E-03	0.000000E+00
305	0.122958E-01	0.152446E-02	0.427637E-02	0.210197E-04	0.104750E-03	0.000000E+00
306	0.122881E-01	0.148046E-02	0.385610E-02	0.221192E-04	0.105669E-03	0.000000E+00
307	0.122737E-01	0.143953E-02	0.366297E-02	0.232024E-04	0.109583E-03	0.105185E-04
308	0.121829E-01	0.205875E-02	0.112161E-01	0.187879E-04	0.110147E-03	0.132489E-04
309	0.121820E-01	0.194065E-02	0.952528E-02	0.175998E-04	0.108063E-03	0.000000E+00
310	0.121818E-01	0.184901E-02	0.842337E-02	0.169544E-04	0.110555E-03	0.000000E+00
311	0.121813E-01	0.175736E-02	0.742588E-02	0.166346E-04	0.111633E-03	0.000000E+00
312	0.121797E-01	0.163615E-02	0.623361E-02	0.167514E-04	0.109899E-03	0.000000E+00
313	0.121762E-01	0.152547E-02	0.524951E-02	0.173723E-04	0.106591E-03	0.000000E+00
314	0.121715E-01	0.145486E-02	0.466212E-02	0.180104E-04	0.105025E-03	0.000000E+00
315	0.121644E-01	0.139538E-02	0.419708E-02	0.187498E-04	0.105170E-03	0.000000E+00
316	0.121489E-01	0.133700E-02	0.384822E-02	0.199053E-04	0.108219E-03	0.140526E-04
317	0.120346E-01	0.215145E-02	0.116110E-01	0.157140E-04	0.112144E-03	0.176183E-04

318	0.120325E-01	0.199175E-02	0.989795E-02	0.151258E-04	0.109414E-03	0.000000E+00
319	0.120321E-01	0.187362E-02	0.878793E-02	0.149963E-04	0.111971E-03	0.000000E+00
320	0.120323E-01	0.175863E-02	0.778520E-02	0.149461E-04	0.113050E-03	0.000000E+00
321	0.120324E-01	0.160822E-02	0.658472E-02	0.148882E-04	0.111153E-03	0.000000E+00
322	0.120310E-01	0.147067E-02	0.558363E-02	0.148251E-04	0.107474E-03	0.000000E+00
323	0.120280E-01	0.138186E-02	0.497223E-02	0.148394E-04	0.105452E-03	0.000000E+00
324	0.120222E-01	0.130592E-02	0.446535E-02	0.149992E-04	0.104934E-03	0.000000E+00
325	0.120069E-01	0.123004E-02	0.400862E-02	0.157627E-04	0.106695E-03	0.179684E-04
326	0.118764E-01	0.227558E-02	0.119674E-01	0.149397E-04	0.113151E-03	0.215490E-04
327	0.118721E-01	0.205111E-02	0.102477E-01	0.152566E-04	0.109509E-03	0.000000E+00
328	0.118715E-01	0.190265E-02	0.913649E-02	0.147007E-04	0.111736E-03	0.000000E+00
329	0.118722E-01	0.176203E-02	0.812746E-02	0.139189E-04	0.112696E-03	0.000000E+00
330	0.118736E-01	0.158175E-02	0.690106E-02	0.128672E-04	0.111041E-03	0.000000E+00
331	0.118742E-01	0.141754E-02	0.585184E-02	0.121898E-04	0.107831E-03	0.000000E+00
332	0.118730E-01	0.131072E-02	0.519513E-02	0.118610E-04	0.105959E-03	0.000000E+00
333	0.118688E-01	0.121895E-02	0.463766E-02	0.115839E-04	0.105176E-03	0.000000E+00
334	0.118555E-01	0.113031E-02	0.410335E-02	0.115471E-04	0.105601E-03	0.215518E-04
335	0.117583E-01	0.236416E-02	0.121985E-01	0.183556E-04	0.112464E-03	0.251833E-04
336	0.117521E-01	0.209821E-02	0.104931E-01	0.179542E-04	0.108773E-03	0.000000E+00
337	0.117512E-01	0.192472E-02	0.938560E-02	0.158801E-04	0.110478E-03	0.000000E+00
338	0.117518E-01	0.176497E-02	0.836871E-02	0.133999E-04	0.111235E-03	0.000000E+00
339	0.117540E-01	0.156383E-02	0.710749E-02	0.108437E-04	0.110026E-03	0.000000E+00
340	0.117560E-01	0.138141E-02	0.599996E-02	0.102386E-04	0.107695E-03	0.000000E+00
341	0.117559E-01	0.126216E-02	0.529505E-02	0.102839E-04	0.106318E-03	0.000000E+00
342	0.117531E-01	0.115974E-02	0.469334E-02	0.100687E-04	0.105626E-03	0.000000E+00
343	0.117419E-01	0.106628E-02	0.411655E-02	0.922027E-05	0.105285E-03	0.241592E-04
344	0.116470E-01	0.244452E-02	0.124121E-01	0.224811E-04	0.110862E-03	0.279007E-04
345	0.116390E-01	0.213872E-02	0.107299E-01	0.214466E-04	0.107431E-03	0.000000E+00
346	0.116369E-01	0.194246E-02	0.962304E-02	0.175717E-04	0.108528E-03	0.000000E+00
347	0.116374E-01	0.176689E-02	0.858912E-02	0.128535E-04	0.109078E-03	0.000000E+00
348	0.116409E-01	0.154861E-02	0.727471E-02	0.832576E-05	0.108465E-03	0.000000E+00
349	0.116445E-01	0.135070E-02	0.609041E-02	0.900518E-05	0.107237E-03	0.000000E+00
350	0.116454E-01	0.122083E-02	0.532838E-02	0.101277E-04	0.106520E-03	0.000000E+00
351	0.116438E-01	0.110923E-02	0.468127E-02	0.101646E-04	0.106096E-03	0.000000E+00
352	0.116353E-01	0.101376E-02	0.407778E-02	0.828534E-05	0.105419E-03	0.262064E-04
353	0.115438E-01	0.251474E-02	0.126115E-01	0.270283E-04	0.108447E-03	0.306183E-04
354	0.115336E-01	0.216212E-02	0.109608E-01	0.249549E-04	0.106133E-03	0.000000E+00
355	0.115316E-01	0.195353E-02	0.984546E-02	0.191049E-04	0.106658E-03	0.000000E+00
356	0.115343E-01	0.176867E-02	0.877956E-02	0.120119E-04	0.106945E-03	0.000000E+00
357	0.115406E-01	0.153746E-02	0.739167E-02	0.547984E-05	0.106794E-03	0.000000E+00
358	0.115467E-01	0.132709E-02	0.611658E-02	0.903479E-05	0.106463E-03	0.000000E+00
359	0.115493E-01	0.118843E-02	0.529325E-02	0.113744E-04	0.106332E-03	0.000000E+00
360	0.115486E-01	0.106935E-02	0.460407E-02	0.116206E-04	0.106285E-03	0.000000E+00
361	0.115420E-01	0.971508E-03	0.399203E-02	0.890889E-05	0.105953E-03	0.278941E-04
362	0.114385E-01	0.253656E-02	0.128210E-01	0.316431E-04	0.106258E-03	0.330024E-04
363	0.114361E-01	0.217026E-02	0.111907E-01	0.272138E-04	0.105504E-03	0.000000E+00
364	0.114422E-01	0.196313E-02	0.100483E-01	0.196139E-04	0.105785E-03	0.000000E+00
365	0.114492E-01	0.177274E-02	0.893335E-02	0.113500E-04	0.105782E-03	0.000000E+00
366	0.114588E-01	0.153212E-02	0.745948E-02	0.301383E-05	0.105618E-03	0.000000E+00
367	0.114674E-01	0.131201E-02	0.609102E-02	0.790929E-05	0.105487E-03	0.000000E+00
368	0.114727E-01	0.116686E-02	0.520667E-02	0.109490E-04	0.105534E-03	0.000000E+00
369	0.114765E-01	0.104083E-02	0.447705E-02	0.118802E-04	0.105832E-03	0.000000E+00
370	0.114748E-01	0.936646E-03	0.386892E-02	0.941793E-05	0.106378E-03	0.292157E-04
371	0.113129E-01	0.250884E-02	0.147886E-01	0.192486E-04	0.102784E-03	0.112687E-04
372	0.113481E-01	0.248294E-02	0.129941E-01	0.272850E-04	0.101319E-03	0.196980E-04
373	0.113767E-01	0.217625E-02	0.113745E-01	0.197062E-04	0.105159E-03	0.215970E-04
374	0.113870E-01	0.197081E-02	0.102014E-01	0.155888E-04	0.105886E-03	0.196171E-04
375	0.113943E-01	0.177967E-02	0.904827E-02	0.115901E-04	0.105666E-03	0.187603E-04
376	0.114023E-01	0.153293E-02	0.751687E-02	0.654884E-05	0.105341E-03	0.185228E-04
377	0.114099E-01	0.130674E-02	0.608626E-02	0.298386E-05	0.105118E-03	0.189876E-04

378	0.114159E-01	0.115833E-02	0.515616E-02	0.235365E-05	0.105124E-03	0.196576E-04
379	0.114234E-01	0.102902E-02	0.438548E-02	0.334022E-05	0.105734E-03	0.208890E-04
380	0.114416E-01	0.908482E-03	0.376111E-02	0.681465E-05	0.107896E-03	0.186285E-04
381	0.114621E-01	0.769540E-03	0.387574E-02	0.724040E-06	0.109342E-03	0.102768E-04
382	0.113945E-01	0.251386E-02	0.148531E-01	0.205521E-04	0.103981E-03	0.115538E-04
383	0.113887E-01	0.240674E-02	0.130685E-01	0.230808E-04	0.102221E-03	0.000000E+00
384	0.113857E-01	0.217015E-02	0.114390E-01	0.187209E-04	0.105468E-03	0.000000E+00
385	0.113892E-01	0.197316E-02	0.102563E-01	0.156592E-04	0.105926E-03	0.000000E+00
386	0.113905E-01	0.178447E-02	0.909324E-02	0.128252E-04	0.105720E-03	0.000000E+00
387	0.113906E-01	0.153660E-02	0.754772E-02	0.937445E-05	0.105334E-03	0.000000E+00
388	0.113903E-01	0.130753E-02	0.610294E-02	0.647841E-05	0.105073E-03	0.000000E+00
389	0.113906E-01	0.115748E-02	0.516123E-02	0.467374E-05	0.105072E-03	0.000000E+00
390	0.113925E-01	0.102789E-02	0.437464E-02	0.321292E-05	0.105554E-03	0.000000E+00
391	0.113926E-01	0.894824E-03	0.372547E-02	0.237709E-05	0.107641E-03	0.000000E+00
392	0.113914E-01	0.769872E-03	0.385818E-02	0.254930E-05	0.107935E-03	0.123641E-04
393	0.114394E-01	0.251423E-02	0.149307E-01	0.195420E-04	0.105030E-03	0.132798E-04
394	0.114272E-01	0.236187E-02	0.131112E-01	0.199006E-04	0.104913E-03	0.000000E+00
395	0.114105E-01	0.215313E-02	0.114531E-01	0.171730E-04	0.106428E-03	0.000000E+00
396	0.114009E-01	0.197244E-02	0.102585E-01	0.149669E-04	0.106446E-03	0.000000E+00
397	0.113925E-01	0.178663E-02	0.908740E-02	0.129982E-04	0.105993E-03	0.000000E+00
398	0.113803E-01	0.153822E-02	0.753570E-02	0.106510E-04	0.105247E-03	0.000000E+00
399	0.113685E-01	0.130715E-02	0.609035E-02	0.847849E-05	0.104627E-03	0.000000E+00
400	0.113609E-01	0.115634E-02	0.515037E-02	0.685828E-05	0.104363E-03	0.000000E+00
401	0.113538E-01	0.102642E-02	0.436530E-02	0.517038E-05	0.104470E-03	0.000000E+00
402	0.113443E-01	0.885673E-03	0.371319E-02	0.220400E-05	0.105518E-03	0.000000E+00
403	0.113385E-01	0.767308E-03	0.383811E-02	0.269225E-05	0.106298E-03	0.142347E-04
404	0.114788E-01	0.251301E-02	0.150170E-01	0.188832E-04	0.106534E-03	0.137160E-04
405	0.114651E-01	0.233878E-02	0.131501E-01	0.175533E-04	0.108165E-03	0.000000E+00
406	0.114397E-01	0.213831E-02	0.114538E-01	0.147115E-04	0.107980E-03	0.000000E+00
407	0.114192E-01	0.196717E-02	0.102446E-01	0.126176E-04	0.107087E-03	0.000000E+00
408	0.113985E-01	0.178551E-02	0.906644E-02	0.107562E-04	0.106190E-03	0.000000E+00
409	0.113704E-01	0.153702E-02	0.751136E-02	0.853023E-05	0.105096E-03	0.000000E+00
410	0.113439E-01	0.130506E-02	0.606799E-02	0.652451E-05	0.104131E-03	0.000000E+00
411	0.113265E-01	0.115427E-02	0.513203E-02	0.513861E-05	0.103513E-03	0.000000E+00
412	0.113112E-01	0.102375E-02	0.435250E-02	0.374966E-05	0.103078E-03	0.000000E+00
413	0.112945E-01	0.879515E-03	0.370288E-02	0.170982E-05	0.103117E-03	0.000000E+00
414	0.112865E-01	0.764732E-03	0.381610E-02	0.286118E-05	0.104585E-03	0.145085E-04
415	0.112929E-01	0.251192E-02	0.151057E-01	0.190156E-04	0.107705E-03	0.142456E-04
416	0.115129E-01	0.232811E-02	0.132085E-01	0.171415E-04	0.109813E-03	0.161601E-04
417	0.114753E-01	0.212811E-02	0.114875E-01	0.139667E-04	0.109106E-03	0.177755E-04
418	0.114417E-01	0.196015E-02	0.102679E-01	0.114600E-04	0.107497E-03	0.189119E-04
419	0.114067E-01	0.178048E-02	0.908252E-02	0.899761E-05	0.106207E-03	0.196668E-04
420	0.113596E-01	0.153239E-02	0.752030E-02	0.595054E-05	0.105082E-03	0.199987E-04
421	0.113159E-01	0.130069E-02	0.607086E-02	0.324584E-05	0.104083E-03	0.195285E-04
422	0.112872E-01	0.115021E-02	0.512970E-02	0.153230E-05	0.103167E-03	0.186928E-04
423	0.112621E-01	0.101945E-02	0.434457E-02	0.119859E-05	0.102332E-03	0.175533E-04
424	0.112368E-01	0.874172E-03	0.368568E-02	0.259181E-05	0.102015E-03	0.159330E-04
425	0.112272E-01	0.764539E-03	0.378930E-02	0.310764E-05	0.103032E-03	0.146018E-04
426	0.259349E+02	0.511349E-04	0.259345E+02	0.194526E-04	0.810322E+00	0.000000E+00
427	0.108449E-02	0.311709E-04	0.251073E-03	0.873068E-05	0.142791E-03	0.000000E+00

MAXIMUM X1 = 0.25934937E+02 AT NODE 426

MAXIMUM X2 = 0.25365558E-02 AT NODE 362

MAXIMUM X3 = 0.25934549E+02 AT NODE 426

MAXIMUM X4 = 0.46570069E-04 AT NODE 100

MAXIMUM X5 = 0.81032210E+00 AT NODE 426

MAXIMUM X6 = 0.33002427E-04 AT NODE 362

*** SYSTEM COORDINATE PLOTS *** RESPLT ***

*CURRENT FILE COUNT ON TAPE68 (DYNRES TAPE85 FORMAT) = 0

CURRENT FRAME COUNT ON PLOT FILE = 23

PROCESSING FOR MODEL NUMBER 1 IS COMPLETE.