Tables of Psychrometric Properties at Sea Level Pressure (IP)

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Contents

Chapter 1

Preface

These charts grew out of the need to be able to quickly find psychrometric properties for the PE exam. The tables are only in the I.P. unit system as the PM portion of the PE exam only consists of problems in these units.

The table entries were completed using the formulations given in *ASHRAE Fundamentals 2017*. Temperatures between 32°F and 105°F were considered. Entries with enthalpy values greater than 60 BTU/lb_{da} were not printed.

For the T_{db}, ϕ table, entries were skipped if the difference between the previous values for both ω and h were not greater than 0.0025 and 0.5 BTU/lb_{da} respectively.

These tables were generated using a python script which is open-source and available at `https://github.com/mitchpaulus/psychrometric-tables`.

Table 1.1: Symbols and units.

T_{db}	Dry bulb temperature	°F
T_{wb}	Wet bulb temperature	°F
T_{dp}	Dew point temperature	°F
ϕ	Relative humidity	% (0-100)
ω	Specific humidity	0-1
h	Enthalpy	BTU/(lb_{da})

Chapter 2

T_{db} and T_{wb}

T_{db}	T_{wb}	ω	h	T_{db}	T_{wb}	ω	h	T_{db}	T_{wb}	ω	h
105	93	0.0313	59.89	104	78	0.0147	41.19	103	63	0.0032	28.23
105	92	0.0300	58.41	104	77	0.0137	40.17	103	62	0.0025	27.51
105	91	0.0287	56.97	104	76	0.0128	39.18	103	61	0.0019	26.81
105	90	0.0274	55.56	104	75	0.0120	38.21	103	60	0.0013	26.13
105	89	0.0262	54.19	104	74	0.0111	37.27	103	59	0.0007	25.46
105	88	0.0250	52.85	104	73	0.0103	36.35	103	58	0.0001	24.81
105	87	0.0238	51.55	104	72	0.0095	35.45	102	93	0.0320	59.93
105	86	0.0226	50.28	104	71	0.0087	34.57	102	92	0.0307	58.45
105	85	0.0215	49.04	104	70	0.0079	33.71	102	91	0.0294	57.01
105	84	0.0204	47.83	104	69	0.0071	32.87	102	90	0.0281	55.60
105	83	0.0194	46.65	104	68	0.0064	32.05	102	89	0.0269	54.23
105	82	0.0183	45.50	104	67	0.0057	31.25	102	88	0.0257	52.89
105	81	0.0173	44.38	104	66	0.0050	30.46	102	87	0.0245	51.59
105	80	0.0163	43.29	104	65	0.0043	29.70	102	86	0.0234	50.32
105	79	0.0154	42.22	104	64	0.0036	28.95	102	85	0.0222	49.08
105	78	0.0144	41.18	104	63	0.0029	28.22	102	84	0.0211	47.87
105	77	0.0135	40.16	104	62	0.0023	27.50	102	83	0.0201	46.69
105	76	0.0126	39.17	104	61	0.0017	26.81	102	82	0.0190	45.54
105	75	0.0117	38.20	104	60	0.0010	26.12	102	81	0.0180	44.42
105	74	0.0109	37.26	104	59	0.0004	25.45	102	80	0.0170	43.32
105	73	0.0101	36.34	103	93	0.0318	59.92	102	79	0.0161	42.25
105	72	0.0092	35.44	103	92	0.0305	58.44	102	78	0.0151	41.21
105	71	0.0084	34.56	103	91	0.0292	56.99	102	77	0.0142	40.20
105	70	0.0077	33.70	103	90	0.0279	55.59	102	76	0.0133	39.20
105	69	0.0069	32.86	103	89	0.0266	54.21	102	75	0.0124	38.23
105	68	0.0062	32.04	103	88	0.0254	52.88	102	74	0.0116	37.29
105	67	0.0055	31.24	103	87	0.0243	51.57	102	73	0.0107	36.37
105	66	0.0047	30.46	103	86	0.0231	50.30	102	72	0.0099	35.46
105	65	0.0041	29.69	103	85	0.0220	49.06	102	71	0.0091	34.58
105	64	0.0034	28.94	103	84	0.0209	47.85	102	70	0.0084	33.72
105	63	0.0027	28.21	103	83	0.0198	46.68	102	69	0.0076	32.88
105	62	0.0021	27.50	103	82	0.0188	45.53	102	68	0.0069	32.06
105	61	0.0014	26.80	103	81	0.0178	44.40	102	67	0.0061	31.26
105	60	0.0008	26.12	103	80	0.0168	43.31	102	66	0.0054	30.48
105	59	0.0002	25.45	103	79	0.0158	42.24	102	65	0.0047	29.71
104	93	0.0316	59.90	103	78	0.0149	41.20	102	64	0.0041	28.96
104	92	0.0302	58.42	103	77	0.0140	40.19	102	63	0.0034	28.23
104	91	0.0289	56.98	103	76	0.0131	39.19	102	62	0.0027	27.52
104	90	0.0276	55.57	103	75	0.0122	38.22	102	61	0.0021	26.82
104	89	0.0264	54.20	103	74	0.0113	37.28	102	60	0.0015	26.13
104	88	0.0252	52.86	103	73	0.0105	36.36	102	59	0.0009	25.47
104	87	0.0240	51.56	103	72	0.0097	35.45	102	58	0.0003	24.81
104	86	0.0229	50.29	103	71	0.0089	34.57	101	93	0.0323	59.95
104	85	0.0218	49.05	103	70	0.0081	33.72	101	92	0.0309	58.47
104	84	0.0207	47.84	103	69	0.0074	32.88	101	91	0.0296	57.02
104	83	0.0196	46.66	103	68	0.0066	32.06	101	90	0.0284	55.61
104	82	0.0186	45.51	103	67	0.0059	31.25	101	89	0.0271	54.24
104	81	0.0176	44.39	103	66	0.0052	30.47	101	88	0.0259	52.90
104	80	0.0166	43.30	103	65	0.0045	29.71	101	87	0.0247	51.60
104	79	0.0156	42.23	103	64	0.0038	28.96	101	86	0.0236	50.33

T_{db}	T_{wb}	ω	h	T_{db}	T_{wb}	ω	h	T_{db}	T_{wb}	ω	h
101	85	0.0225	49.09	100	71	0.0096	34.60	99	58	0.0010	24.83
101	84	0.0214	47.88	100	70	0.0088	33.74	99	57	0.0004	24.19
101	83	0.0203	46.70	100	69	0.0081	32.90	98	93	0.0330	59.99
101	82	0.0193	45.55	100	68	0.0073	32.08	98	92	0.0317	58.51
101	81	0.0183	44.43	100	67	0.0066	31.28	98	91	0.0304	57.07
101	80	0.0173	43.33	100	66	0.0059	30.49	98	90	0.0291	55.66
101	79	0.0163	42.27	100	65	0.0052	29.73	98	89	0.0278	54.28
101	78	0.0154	41.22	100	64	0.0045	28.98	98	88	0.0266	52.94
101	77	0.0144	40.21	100	63	0.0038	28.25	98	87	0.0255	51.64
101	76	0.0135	39.21	100	62	0.0032	27.53	98	86	0.0243	50.37
101	75	0.0127	38.24	100	61	0.0026	26.83	98	85	0.0232	49.13
101	74	0.0118	37.30	100	60	0.0019	26.15	98	84	0.0221	47.92
101	73	0.0110	36.38	100	59	0.0013	25.48	98	83	0.0210	46.74
101	72	0.0102	35.47	100	58	0.0007	24.82	98	82	0.0200	45.59
101	71	0.0094	34.59	100	57	0.0002	24.18	98	81	0.0190	44.46
101	70	0.0086	33.73	99	93	0.0328	59.98	98	80	0.0180	43.37
101	69	0.0078	32.89	99	92	0.0314	58.50	98	79	0.0170	42.30
101	68	0.0071	32.07	99	91	0.0301	57.05	98	78	0.0161	41.26
101	67	0.0064	31.27	99	90	0.0289	55.64	98	77	0.0151	40.24
101	66	0.0056	30.49	99	89	0.0276	54.27	98	76	0.0142	39.24
101	65	0.0050	29.72	99	88	0.0264	52.93	98	75	0.0134	38.27
101	64	0.0043	28.97	99	87	0.0252	51.63	98	74	0.0125	37.33
101	63	0.0036	28.24	99	86	0.0241	50.35	98	73	0.0117	36.40
101	62	0.0030	27.52	99	85	0.0229	49.11	98	72	0.0108	35.50
101	61	0.0023	26.82	99	84	0.0218	47.90	98	71	0.0100	34.62
101	60	0.0017	26.14	99	83	0.0208	46.72	98	70	0.0093	33.76
101	59	0.0011	25.47	99	82	0.0197	45.57	98	69	0.0085	32.92
101	58	0.0005	24.82	99	81	0.0187	44.45	98	68	0.0078	32.10
100	93	0.0325	59.96	99	80	0.0177	43.36	98	67	0.0070	31.29
100	92	0.0312	58.48	99	79	0.0168	42.29	98	66	0.0063	30.51
100	91	0.0299	57.04	99	78	0.0158	41.24	98	65	0.0056	29.74
100	90	0.0286	55.63	99	77	0.0149	40.23	98	64	0.0050	28.99
100	89	0.0274	54.26	99	76	0.0140	39.23	98	63	0.0043	28.26
100	88	0.0262	52.92	99	75	0.0131	38.26	98	62	0.0036	27.54
100	87	0.0250	51.61	99	74	0.0123	37.32	98	61	0.0030	26.84
100	86	0.0238	50.34	99	73	0.0114	36.39	98	60	0.0024	26.16
100	85	0.0227	49.10	99	72	0.0106	35.49	98	59	0.0018	25.49
100	84	0.0216	47.89	99	71	0.0098	34.61	98	58	0.0012	24.83
100	83	0.0205	46.71	99	70	0.0090	33.75	98	57	0.0006	24.19
100	82	0.0195	45.56	99	69	0.0083	32.91	98	56	0.0000	23.57
100	81	0.0185	44.44	99	68	0.0075	32.09	97	92	0.0319	58.53
100	80	0.0175	43.34	99	67	0.0068	31.29	97	91	0.0306	57.08
100	79	0.0165	42.28	99	66	0.0061	30.50	97	90	0.0293	55.67
100	78	0.0156	41.23	99	65	0.0054	29.74	97	89	0.0281	54.30
100	77	0.0147	40.22	99	64	0.0047	28.99	97	88	0.0269	52.96
100	76	0.0138	39.22	99	63	0.0041	28.25	97	87	0.0257	51.65
100	75	0.0129	38.25	99	62	0.0034	27.54	97	86	0.0245	50.38
100	74	0.0120	37.31	99	61	0.0028	26.84	97	85	0.0234	49.14
100	73	0.0112	36.38	99	60	0.0022	26.15	97	84	0.0223	47.93
100	72	0.0104	35.48	99	59	0.0016	25.48	97	83	0.0213	46.75

T_{db}	T_{wb}	ω	h	T_{db}	T_{wb}	ω	h	T_{db}	T_{wb}	ω	h
97	82	0.0202	45.60	96	69	0.0090	32.93	95	56	0.0007	23.58
97	81	0.0192	44.47	96	68	0.0082	32.11	95	55	0.0002	22.97
97	80	0.0182	43.38	96	67	0.0075	31.31	94	92	0.0327	58.57
97	79	0.0172	42.31	96	66	0.0068	30.52	94	91	0.0313	57.12
97	78	0.0163	41.27	96	65	0.0061	29.76	94	90	0.0301	55.71
97	77	0.0154	40.25	96	64	0.0054	29.01	94	89	0.0288	54.34
97	76	0.0145	39.25	96	63	0.0047	28.27	94	88	0.0276	53.00
97	75	0.0136	38.28	96	62	0.0041	27.56	94	87	0.0264	51.69
97	74	0.0127	37.34	96	61	0.0035	26.86	94	86	0.0253	50.42
97	73	0.0119	36.41	96	60	0.0028	26.17	94	85	0.0241	49.18
97	72	0.0111	35.51	96	59	0.0022	25.50	94	84	0.0230	47.97
97	71	0.0103	34.63	96	58	0.0016	24.85	94	83	0.0220	46.78
97	70	0.0095	33.77	96	57	0.0011	24.20	94	82	0.0209	45.63
97	69	0.0087	32.93	96	56	0.0005	23.58	94	81	0.0199	44.51
97	68	0.0080	32.10	95	92	0.0324	58.55	94	80	0.0189	43.41
97	67	0.0073	31.30	95	91	0.0311	57.11	94	79	0.0179	42.34
97	66	0.0066	30.52	95	90	0.0298	55.70	94	78	0.0170	41.30
97	65	0.0059	29.75	95	89	0.0286	54.32	94	77	0.0161	40.28
97	64	0.0052	29.00	95	88	0.0274	52.98	94	76	0.0152	39.28
97	63	0.0045	28.27	95	87	0.0262	51.68	94	75	0.0143	38.31
97	62	0.0039	27.55	95	86	0.0250	50.41	94	74	0.0134	37.37
97	61	0.0032	26.85	95	85	0.0239	49.16	94	73	0.0126	36.44
97	60	0.0026	26.17	95	84	0.0228	47.95	94	72	0.0118	35.54
97	59	0.0020	25.50	95	83	0.0217	46.77	94	71	0.0110	34.66
97	58	0.0014	24.84	95	82	0.0207	45.62	94	70	0.0102	33.79
97	57	0.0008	24.20	95	81	0.0197	44.50	94	69	0.0094	32.95
97	56	0.0003	23.57	95	80	0.0187	43.40	94	68	0.0087	32.13
96	92	0.0322	58.54	95	79	0.0177	42.33	94	67	0.0079	31.33
96	91	0.0309	57.09	95	78	0.0168	41.29	94	66	0.0072	30.54
96	90	0.0296	55.68	95	77	0.0158	40.27	94	65	0.0065	29.77
96	89	0.0283	54.31	95	76	0.0149	39.27	94	64	0.0059	29.02
96	88	0.0271	52.97	95	75	0.0141	38.30	94	63	0.0052	28.29
96	87	0.0259	51.67	95	74	0.0132	37.36	94	62	0.0045	27.57
96	86	0.0248	50.39	95	73	0.0124	36.43	94	61	0.0039	26.87
96	85	0.0237	49.15	95	72	0.0115	35.53	94	60	0.0033	26.18
96	84	0.0226	47.94	95	71	0.0107	34.65	94	59	0.0027	25.51
96	83	0.0215	46.76	95	70	0.0100	33.78	94	58	0.0021	24.86
96	82	0.0204	45.61	95	69	0.0092	32.94	94	57	0.0015	24.22
96	81	0.0194	44.49	95	68	0.0084	32.12	94	56	0.0009	23.59
96	80	0.0184	43.39	95	67	0.0077	31.32	94	55	0.0004	22.97
96	79	0.0175	42.32	95	66	0.0070	30.53	93	92	0.0329	58.58
96	78	0.0165	41.28	95	65	0.0063	29.77	93	91	0.0316	57.14
96	77	0.0156	40.26	95	64	0.0056	29.02	93	90	0.0303	55.73
96	76	0.0147	39.26	95	63	0.0050	28.28	93	89	0.0291	54.35
96	75	0.0138	38.29	95	62	0.0043	27.57	93	88	0.0278	53.01
96	74	0.0130	37.35	95	61	0.0037	26.86	93	87	0.0267	51.71
96	73	0.0121	36.42	95	60	0.0031	26.18	93	86	0.0255	50.43
96	72	0.0113	35.52	95	59	0.0025	25.51	93	85	0.0244	49.19
96	71	0.0105	34.64	95	58	0.0019	24.85	93	84	0.0233	47.98
96	70	0.0097	33.78	95	57	0.0013	24.21	93	83	0.0222	46.80

T_{db}	T_{wb}	ω	h	T_{db}	T_{wb}	ω	h	T_{db}	T_{wb}	ω	h
93	82	0.0212	45.64	92	71	0.0114	34.67	91	59	0.0034	25.53
93	81	0.0201	44.52	92	70	0.0106	33.81	91	58	0.0028	24.87
93	80	0.0191	43.42	92	69	0.0099	32.97	91	57	0.0022	24.23
93	79	0.0182	42.35	92	68	0.0091	32.15	91	56	0.0016	23.60
93	78	0.0172	41.31	92	67	0.0084	31.34	91	55	0.0010	22.99
93	77	0.0163	40.29	92	66	0.0077	30.56	91	54	0.0005	22.38
93	76	0.0154	39.30	92	65	0.0070	29.79	90	90	0.0310	55.77
93	75	0.0145	38.32	92	64	0.0063	29.04	90	89	0.0298	54.39
93	74	0.0137	37.38	92	63	0.0056	28.30	90	88	0.0286	53.05
93	73	0.0128	36.45	92	62	0.0050	27.59	90	87	0.0274	51.75
93	72	0.0120	35.55	92	61	0.0044	26.88	90	86	0.0262	50.47
93	71	0.0112	34.66	92	60	0.0037	26.20	90	85	0.0251	49.23
93	70	0.0104	33.80	92	59	0.0031	25.53	90	84	0.0240	48.02
93	69	0.0097	32.96	92	58	0.0025	24.87	90	83	0.0229	46.83
93	68	0.0089	32.14	92	57	0.0019	24.23	90	82	0.0219	45.68
93	67	0.0082	31.33	92	56	0.0014	23.60	90	81	0.0208	44.56
93	66	0.0075	30.55	92	55	0.0008	22.98	90	80	0.0199	43.46
93	65	0.0068	29.78	92	54	0.0003	22.38	90	79	0.0189	42.39
93	64	0.0061	29.03	91	91	0.0321	57.17	90	78	0.0179	41.34
93	63	0.0054	28.30	91	90	0.0308	55.75	90	77	0.0170	40.32
93	62	0.0048	27.58	91	89	0.0295	54.38	90	76	0.0161	39.33
93	61	0.0041	26.88	91	88	0.0283	53.04	90	75	0.0152	38.35
93	60	0.0035	26.19	91	87	0.0271	51.73	90	74	0.0144	37.41
93	59	0.0029	25.52	91	86	0.0260	50.46	90	73	0.0135	36.48
93	58	0.0023	24.86	91	85	0.0249	49.21	90	72	0.0127	35.57
93	57	0.0017	24.22	91	84	0.0238	48.00	90	71	0.0119	34.69
93	56	0.0012	23.59	91	83	0.0227	46.82	90	70	0.0111	33.83
93	55	0.0006	22.98	91	82	0.0216	45.67	90	69	0.0103	32.99
93	54	0.0000	22.37	91	81	0.0206	44.54	90	68	0.0096	32.16
92	92	0.0331	58.60	91	80	0.0196	43.45	90	67	0.0089	31.36
92	91	0.0318	57.15	91	79	0.0186	42.38	90	66	0.0081	30.57
92	90	0.0305	55.74	91	78	0.0177	41.33	90	65	0.0074	29.80
92	89	0.0293	54.37	91	77	0.0168	40.31	90	64	0.0068	29.05
92	88	0.0281	53.03	91	76	0.0159	39.32	90	63	0.0061	28.32
92	87	0.0269	51.72	91	75	0.0150	38.34	90	62	0.0054	27.60
92	86	0.0257	50.44	91	74	0.0141	37.40	90	61	0.0048	26.90
92	85	0.0246	49.20	91	73	0.0133	36.47	90	60	0.0042	26.21
92	84	0.0235	47.99	91	72	0.0125	35.57	90	59	0.0036	25.54
92	83	0.0224	46.81	91	71	0.0117	34.68	90	58	0.0030	24.88
92	82	0.0214	45.66	91	70	0.0109	33.82	90	57	0.0024	24.24
92	81	0.0204	44.53	91	69	0.0101	32.98	90	56	0.0018	23.61
92	80	0.0194	43.43	91	68	0.0094	32.15	90	55	0.0013	22.99
92	79	0.0184	42.36	91	67	0.0086	31.35	90	54	0.0007	22.39
92	78	0.0175	41.32	91	66	0.0079	30.56	90	53	0.0002	21.80
92	77	0.0165	40.30	91	65	0.0072	29.80	89	89	0.0300	54.41
92	76	0.0156	39.31	91	64	0.0065	29.04	89	88	0.0288	53.07
92	75	0.0148	38.33	91	63	0.0059	28.31	89	87	0.0276	51.76
92	74	0.0139	37.39	91	62	0.0052	27.59	89	86	0.0265	50.48
92	73	0.0130	36.46	91	61	0.0046	26.89	89	85	0.0253	49.24
92	72	0.0122	35.56	91	60	0.0040	26.20	89	84	0.0242	48.03

T_{db}	T_{wb}	ω	h	T_{db}	T_{wb}	ω	h	T_{db}	T_{wb}	ω	h
89	83	0.0232	46.85	88	69	0.0108	33.00	87	55	0.0019	23.01
89	82	0.0221	45.69	88	68	0.0101	32.18	87	54	0.0014	22.40
89	81	0.0211	44.57	88	67	0.0093	31.37	87	53	0.0008	21.81
89	80	0.0201	43.47	88	66	0.0086	30.59	87	52	0.0003	21.23
89	79	0.0191	42.40	88	65	0.0079	29.82	86	86	0.0272	50.52
89	78	0.0182	41.35	88	64	0.0072	29.07	86	85	0.0261	49.28
89	77	0.0172	40.33	88	63	0.0066	28.33	86	84	0.0249	48.07
89	76	0.0163	39.34	88	62	0.0059	27.61	86	83	0.0239	46.88
89	75	0.0155	38.36	88	61	0.0053	26.91	86	82	0.0228	45.73
89	74	0.0146	37.42	88	60	0.0046	26.22	86	81	0.0218	44.60
89	73	0.0137	36.49	88	59	0.0040	25.55	86	80	0.0208	43.50
89	72	0.0129	35.58	88	58	0.0034	24.89	86	79	0.0198	42.43
89	71	0.0121	34.70	88	57	0.0028	24.25	86	78	0.0189	41.38
89	70	0.0113	33.84	88	56	0.0023	23.62	86	77	0.0179	40.36
89	69	0.0106	32.99	88	55	0.0017	23.00	86	76	0.0170	39.37
89	68	0.0098	32.17	88	54	0.0012	22.40	86	75	0.0162	38.39
89	67	0.0091	31.37	88	53	0.0006	21.81	86	74	0.0153	37.44
89	66	0.0084	30.58	88	52	0.0001	21.23	86	73	0.0144	36.52
89	65	0.0077	29.81	87	87	0.0281	51.78	86	72	0.0136	35.61
89	64	0.0070	29.06	87	86	0.0269	50.51	86	71	0.0128	34.73
89	63	0.0063	28.32	87	85	0.0258	49.27	86	70	0.0120	33.86
89	62	0.0057	27.61	87	84	0.0247	48.05	86	69	0.0113	33.02
89	61	0.0050	26.90	87	83	0.0236	46.87	86	68	0.0105	32.20
89	60	0.0044	26.22	87	82	0.0226	45.72	86	67	0.0098	31.39
89	59	0.0038	25.54	87	81	0.0216	44.59	86	66	0.0091	30.60
89	58	0.0032	24.89	87	80	0.0206	43.49	86	65	0.0084	29.83
89	57	0.0026	24.24	87	79	0.0196	42.42	86	64	0.0077	29.08
89	56	0.0020	23.61	87	78	0.0186	41.37	86	63	0.0070	28.35
89	55	0.0015	23.00	87	77	0.0177	40.35	86	62	0.0064	27.63
89	54	0.0009	22.39	87	76	0.0168	39.36	86	61	0.0057	26.92
89	53	0.0004	21.80	87	75	0.0159	38.38	86	60	0.0051	26.24
88	88	0.0290	53.08	87	74	0.0151	37.44	86	59	0.0045	25.56
88	87	0.0279	51.77	87	73	0.0142	36.51	86	58	0.0039	24.90
88	86	0.0267	50.50	87	72	0.0134	35.60	86	57	0.0033	24.26
88	85	0.0256	49.25	87	71	0.0126	34.72	86	56	0.0027	23.63
88	84	0.0245	48.04	87	70	0.0118	33.85	86	55	0.0022	23.01
88	83	0.0234	46.86	87	69	0.0110	33.01	86	54	0.0016	22.41
88	82	0.0223	45.70	87	68	0.0103	32.19	86	53	0.0011	21.82
88	81	0.0213	44.58	87	67	0.0095	31.38	86	52	0.0005	21.24
88	80	0.0203	43.48	87	66	0.0088	30.59	86	51	0.0000	20.67
88	79	0.0194	42.41	87	65	0.0081	29.83	85	85	0.0263	49.29
88	78	0.0184	41.36	87	64	0.0075	29.07	85	84	0.0252	48.08
88	77	0.0175	40.34	87	63	0.0068	28.34	85	83	0.0241	46.89
88	76	0.0166	39.35	87	62	0.0061	27.62	85	82	0.0231	45.74
88	75	0.0157	38.37	87	61	0.0055	26.92	85	81	0.0220	44.61
88	74	0.0148	37.43	87	60	0.0049	26.23	85	80	0.0210	43.51
88	73	0.0140	36.50	87	59	0.0043	25.56	85	79	0.0201	42.44
88	72	0.0132	35.59	87	58	0.0037	24.90	85	78	0.0191	41.40
88	71	0.0124	34.71	87	57	0.0031	24.25	85	77	0.0182	40.37
88	70	0.0116	33.85	87	56	0.0025	23.62	85	76	0.0173	39.38

T_{db}	T_{wb}	ω	h	T_{db}	T_{wb}	ω	h	T_{db}	T_{wb}	ω	h
85	75	0.0164	38.40	84	59	0.0049	25.57	82	75	0.0171	38.43
85	74	0.0155	37.45	84	58	0.0043	24.92	82	74	0.0162	37.48
85	73	0.0147	36.53	84	57	0.0037	24.27	82	73	0.0154	36.56
85	72	0.0139	35.62	84	56	0.0032	23.64	82	72	0.0146	35.65
85	71	0.0130	34.74	84	55	0.0026	23.02	82	71	0.0137	34.76
85	70	0.0123	33.87	84	54	0.0021	22.42	82	70	0.0130	33.90
85	69	0.0115	33.03	84	53	0.0015	21.83	82	69	0.0122	33.05
85	68	0.0107	32.20	84	52	0.0010	21.25	82	68	0.0114	32.23
85	67	0.0100	31.40	84	51	0.0005	20.68	82	67	0.0107	31.42
85	66	0.0093	30.61	83	83	0.0246	46.92	82	66	0.0100	30.63
85	65	0.0086	29.84	83	82	0.0235	45.76	82	65	0.0093	29.86
85	64	0.0079	29.09	83	81	0.0225	44.64	82	64	0.0086	29.11
85	63	0.0072	28.35	83	80	0.0215	43.54	82	63	0.0079	28.37
85	62	0.0066	27.63	83	79	0.0205	42.46	82	62	0.0073	27.65
85	61	0.0059	26.93	83	78	0.0196	41.42	82	61	0.0066	26.95
85	60	0.0053	26.24	83	77	0.0186	40.40	82	60	0.0060	26.26
85	59	0.0047	25.57	83	76	0.0177	39.40	82	59	0.0054	25.59
85	58	0.0041	24.91	83	75	0.0169	38.42	82	58	0.0048	24.93
85	57	0.0035	24.27	83	74	0.0160	37.47	82	57	0.0042	24.28
85	56	0.0029	23.64	83	73	0.0151	36.55	82	56	0.0036	23.65
85	55	0.0024	23.02	83	72	0.0143	35.64	82	55	0.0031	23.03
85	54	0.0018	22.41	83	71	0.0135	34.75	82	54	0.0025	22.43
85	53	0.0013	21.82	83	70	0.0127	33.89	82	53	0.0020	21.84
85	52	0.0008	21.24	83	69	0.0120	33.05	82	52	0.0014	21.26
85	51	0.0002	20.67	83	68	0.0112	32.22	82	51	0.0009	20.69
84	84	0.0254	48.09	83	67	0.0105	31.41	82	50	0.0004	20.13
84	83	0.0244	46.91	83	66	0.0098	30.63	81	81	0.0230	44.66
84	82	0.0233	45.75	83	65	0.0090	29.86	81	80	0.0220	43.56
84	81	0.0223	44.62	83	64	0.0084	29.10	81	79	0.0210	42.49
84	80	0.0213	43.53	83	63	0.0077	28.37	81	78	0.0201	41.44
84	79	0.0203	42.45	83	62	0.0070	27.65	81	77	0.0191	40.42
84	78	0.0193	41.41	83	61	0.0064	26.94	81	76	0.0182	39.42
84	77	0.0184	40.39	83	60	0.0058	26.25	81	75	0.0173	38.44
84	76	0.0175	39.39	83	59	0.0052	25.58	81	74	0.0165	37.49
84	75	0.0166	38.41	83	58	0.0046	24.92	81	73	0.0156	36.57
84	74	0.0158	37.46	83	57	0.0040	24.28	81	72	0.0148	35.66
84	73	0.0149	36.54	83	56	0.0034	23.65	81	71	0.0140	34.77
84	72	0.0141	35.63	83	55	0.0028	23.03	81	70	0.0132	33.91
84	71	0.0133	34.75	83	54	0.0023	22.42	81	69	0.0124	33.06
84	70	0.0125	33.88	83	53	0.0017	21.83	81	68	0.0117	32.24
84	69	0.0117	33.04	83	52	0.0012	21.25	81	67	0.0109	31.43
84	68	0.0110	32.21	83	51	0.0007	20.68	81	66	0.0102	30.64
84	67	0.0102	31.41	83	50	0.0002	20.13	81	65	0.0095	29.87
84	66	0.0095	30.62	82	82	0.0238	45.78	81	64	0.0088	29.12
84	65	0.0088	29.85	82	81	0.0228	44.65	81	63	0.0081	28.38
84	64	0.0081	29.10	82	80	0.0217	43.55	81	62	0.0075	27.66
84	63	0.0075	28.36	82	79	0.0208	42.48	81	61	0.0069	26.96
84	62	0.0068	27.64	82	78	0.0198	41.43	81	60	0.0062	26.27
84	61	0.0062	26.94	82	77	0.0189	40.41	81	59	0.0056	25.59
84	60	0.0055	26.25	82	76	0.0180	39.41	81	58	0.0050	24.93

T_{db}	T_{wb}	ω	h	T_{db}	T_{wb}	ω	h	T_{db}	T_{wb}	ω	h
81	57	0.0044	24.29	79	70	0.0137	33.93	78	51	0.0018	20.70
81	56	0.0038	23.66	79	69	0.0129	33.08	78	50	0.0013	20.15
81	55	0.0033	23.04	79	68	0.0121	32.25	78	49	0.0008	19.60
81	54	0.0027	22.43	79	67	0.0114	31.45	78	48	0.0003	19.06
81	53	0.0022	21.84	79	66	0.0107	30.66	77	77	0.0201	40.46
81	52	0.0017	21.26	79	65	0.0100	29.89	77	76	0.0192	39.46
81	51	0.0011	20.69	79	64	0.0093	29.13	77	75	0.0183	38.49
81	50	0.0006	20.13	79	63	0.0086	28.40	77	74	0.0174	37.53
81	49	0.0001	19.59	79	62	0.0079	27.67	77	73	0.0165	36.60
80	80	0.0222	43.57	79	61	0.0073	26.97	77	72	0.0157	35.70
80	79	0.0212	42.50	79	60	0.0067	26.28	77	71	0.0149	34.81
80	78	0.0203	41.45	79	59	0.0061	25.61	77	70	0.0141	33.94
80	77	0.0194	40.43	79	58	0.0055	24.95	77	69	0.0133	33.10
80	76	0.0184	39.43	79	57	0.0049	24.30	77	68	0.0126	32.27
80	75	0.0176	38.46	79	56	0.0043	23.67	77	67	0.0119	31.46
80	74	0.0167	37.50	79	55	0.0037	23.05	77	66	0.0111	30.67
80	73	0.0158	36.57	79	54	0.0032	22.44	77	65	0.0104	29.90
80	72	0.0150	35.67	79	53	0.0026	21.85	77	64	0.0097	29.15
80	71	0.0142	34.78	79	52	0.0021	21.27	77	63	0.0091	28.41
80	70	0.0134	33.92	79	51	0.0016	20.70	77	62	0.0084	27.69
80	69	0.0126	33.07	79	50	0.0011	20.14	77	61	0.0078	26.98
80	68	0.0119	32.25	79	49	0.0006	19.60	77	60	0.0071	26.29
80	67	0.0112	31.44	79	48	0.0001	19.06	77	59	0.0065	25.62
80	66	0.0104	30.65	78	78	0.0208	41.47	77	58	0.0059	24.96
80	65	0.0097	29.88	78	77	0.0198	40.45	77	57	0.0053	24.31
80	64	0.0091	29.12	78	76	0.0189	39.45	77	56	0.0047	23.68
80	63	0.0084	28.39	78	75	0.0180	38.48	77	55	0.0042	23.06
80	62	0.0077	27.67	78	74	0.0172	37.52	77	54	0.0036	22.45
80	61	0.0071	26.96	78	73	0.0163	36.59	77	53	0.0031	21.86
80	60	0.0065	26.27	78	72	0.0155	35.69	77	52	0.0026	21.28
80	59	0.0058	25.60	78	71	0.0147	34.80	77	51	0.0020	20.71
80	58	0.0052	24.94	78	70	0.0139	33.93	77	50	0.0015	20.15
80	57	0.0046	24.29	78	69	0.0131	33.09	77	49	0.0010	19.60
80	56	0.0041	23.66	78	68	0.0124	32.26	77	48	0.0005	19.07
80	55	0.0035	23.04	78	67	0.0116	31.45	77	47	0.0001	18.54
80	54	0.0030	22.44	78	66	0.0109	30.67	76	76	0.0194	39.47
80	53	0.0024	21.85	78	65	0.0102	29.89	76	75	0.0185	38.50
80	52	0.0019	21.26	78	64	0.0095	29.14	76	74	0.0176	37.54
80	51	0.0014	20.70	78	63	0.0088	28.40	76	73	0.0168	36.61
80	50	0.0009	20.14	78	62	0.0082	27.68	76	72	0.0160	35.71
80	49	0.0004	19.59	78	61	0.0075	26.98	76	71	0.0151	34.82
79	79	0.0215	42.51	78	60	0.0069	26.29	76	70	0.0144	33.95
79	78	0.0205	41.46	78	59	0.0063	25.61	76	69	0.0136	33.11
79	77	0.0196	40.44	78	58	0.0057	24.95	76	68	0.0128	32.28
79	76	0.0187	39.44	78	57	0.0051	24.31	76	67	0.0121	31.47
79	75	0.0178	38.47	78	56	0.0045	23.67	76	66	0.0114	30.68
79	74	0.0169	37.51	78	55	0.0040	23.05	76	65	0.0107	29.91
79	73	0.0161	36.58	78	54	0.0034	22.45	76	64	0.0100	29.15
79	72	0.0153	35.68	78	53	0.0029	21.85	76	63	0.0093	28.42
79	71	0.0144	34.79	78	52	0.0023	21.27	76	62	0.0086	27.69

T_{db}	T_{wb}	ω	h	T_{db}	T_{wb}	ω	h	T_{db}	T_{wb}	ω	h
76	61	0.0080	26.99	74	69	0.0140	33.12	73	47	0.0009	18.56
76	60	0.0074	26.30	74	68	0.0133	32.30	73	46	0.0005	18.04
76	59	0.0067	25.62	74	67	0.0125	31.49	73	45	0.0000	17.53
76	58	0.0061	24.96	74	66	0.0118	30.70	72	72	0.0169	35.74
76	57	0.0056	24.32	74	65	0.0111	29.92	72	71	0.0161	34.85
76	56	0.0050	23.68	74	64	0.0104	29.17	72	70	0.0153	33.99
76	55	0.0044	23.06	74	63	0.0098	28.43	72	69	0.0145	33.14
76	54	0.0039	22.46	74	62	0.0091	27.71	72	68	0.0138	32.31
76	53	0.0033	21.86	74	61	0.0084	27.00	72	67	0.0130	31.50
76	52	0.0028	21.28	74	60	0.0078	26.31	72	66	0.0123	30.71
76	51	0.0023	20.71	74	59	0.0072	25.64	72	65	0.0116	29.94
76	50	0.0017	20.15	74	58	0.0066	24.98	72	64	0.0109	29.18
76	49	0.0012	19.61	74	57	0.0060	24.33	72	63	0.0102	28.44
76	48	0.0008	19.07	74	56	0.0054	23.69	72	62	0.0096	27.72
76	47	0.0003	18.55	74	55	0.0049	23.07	72	61	0.0089	27.02
75	75	0.0187	38.51	74	54	0.0043	22.47	72	60	0.0083	26.32
75	74	0.0179	37.55	74	53	0.0038	21.87	72	59	0.0077	25.65
75	73	0.0170	36.62	74	52	0.0032	21.29	72	58	0.0071	24.99
75	72	0.0162	35.71	74	51	0.0027	20.72	72	57	0.0065	24.34
75	71	0.0154	34.83	74	50	0.0022	20.16	72	56	0.0059	23.71
75	70	0.0146	33.96	74	49	0.0017	19.61	72	55	0.0053	23.09
75	69	0.0138	33.11	74	48	0.0012	19.08	72	54	0.0048	22.48
75	68	0.0131	32.29	74	47	0.0007	18.55	72	53	0.0042	21.88
75	67	0.0123	31.48	74	46	0.0003	18.04	72	52	0.0037	21.30
75	66	0.0116	30.69	73	73	0.0175	36.64	72	51	0.0032	20.73
75	65	0.0109	29.92	73	72	0.0167	35.73	72	50	0.0026	20.17
75	64	0.0102	29.16	73	71	0.0158	34.85	72	49	0.0021	19.62
75	63	0.0095	28.42	73	70	0.0151	33.98	72	48	0.0017	19.09
75	62	0.0089	27.70	73	69	0.0143	33.13	72	47	0.0012	18.56
75	61	0.0082	27.00	73	68	0.0135	32.30	72	46	0.0007	18.04
75	60	0.0076	26.31	73	67	0.0128	31.49	72	45	0.0002	17.54
75	59	0.0070	25.63	73	66	0.0121	30.70	71	71	0.0163	34.86
75	58	0.0064	24.97	73	65	0.0114	29.93	71	70	0.0155	34.00
75	57	0.0058	24.32	73	64	0.0107	29.18	71	69	0.0147	33.15
75	56	0.0052	23.69	73	63	0.0100	28.44	71	68	0.0140	32.32
75	55	0.0046	23.07	73	62	0.0093	27.72	71	67	0.0132	31.51
75	54	0.0041	22.46	73	61	0.0087	27.01	71	66	0.0125	30.72
75	53	0.0035	21.87	73	60	0.0080	26.32	71	65	0.0118	29.95
75	52	0.0030	21.29	73	59	0.0074	25.64	71	64	0.0111	29.19
75	51	0.0025	20.72	73	58	0.0068	24.98	71	63	0.0104	28.45
75	50	0.0020	20.16	73	57	0.0062	24.33	71	62	0.0098	27.73
75	49	0.0015	19.61	73	56	0.0057	23.70	71	61	0.0091	27.02
75	48	0.0010	19.07	73	55	0.0051	23.08	71	60	0.0085	26.33
75	47	0.0005	18.55	73	54	0.0045	22.47	71	59	0.0079	25.65
75	46	0.0000	18.03	73	53	0.0040	21.88	71	58	0.0073	24.99
74	74	0.0181	37.56	73	52	0.0035	21.30	71	57	0.0067	24.35
74	73	0.0173	36.63	73	51	0.0029	20.73	71	56	0.0061	23.71
74	72	0.0164	35.72	73	50	0.0024	20.17	71	55	0.0055	23.09
74	71	0.0156	34.84	73	49	0.0019	19.62	71	54	0.0050	22.48
74	70	0.0148	33.97	73	48	0.0014	19.08	71	53	0.0044	21.89

T_{db}	T_{wb}	ω	h	T_{db}	T_{wb}	ω	h	T_{db}	T_{wb}	ω	h
71	52	0.0039	21.30	69	55	0.0060	23.10	67	55	0.0064	23.11
71	51	0.0034	20.73	69	54	0.0054	22.49	67	54	0.0059	22.50
71	50	0.0029	20.17	69	53	0.0049	21.90	67	53	0.0053	21.91
71	49	0.0024	19.63	69	52	0.0044	21.31	67	52	0.0048	21.32
71	48	0.0019	19.09	69	51	0.0038	20.74	67	51	0.0043	20.75
71	47	0.0014	18.56	69	50	0.0033	20.18	67	50	0.0038	20.19
71	46	0.0009	18.05	69	49	0.0028	19.63	67	49	0.0033	19.64
71	45	0.0005	17.54	69	48	0.0023	19.10	67	48	0.0028	19.10
71	44	0.0000	17.04	69	47	0.0018	18.57	67	47	0.0023	18.58
70	70	0.0158	34.01	69	46	0.0014	18.05	67	46	0.0018	18.06
70	69	0.0150	33.16	69	45	0.0009	17.54	67	45	0.0013	17.55
70	68	0.0142	32.33	69	44	0.0004	17.05	67	44	0.0009	17.05
70	67	0.0135	31.52	68	68	0.0147	32.35	67	43	0.0004	16.56
70	66	0.0128	30.73	68	67	0.0139	31.54	67	42	0.0000	16.08
70	65	0.0120	29.95	68	66	0.0132	30.74	66	66	0.0137	30.76
70	64	0.0114	29.20	68	65	0.0125	29.97	66	65	0.0130	29.99
70	63	0.0107	28.46	68	64	0.0118	29.21	66	64	0.0123	29.23
70	62	0.0100	27.74	68	63	0.0111	28.47	66	63	0.0116	28.49
70	61	0.0094	27.03	68	62	0.0105	27.75	66	62	0.0109	27.76
70	60	0.0087	26.34	68	61	0.0098	27.04	66	61	0.0103	27.06
70	59	0.0081	25.66	68	60	0.0092	26.35	66	60	0.0097	26.36
70	58	0.0075	25.00	68	59	0.0086	25.67	66	59	0.0090	25.69
70	57	0.0069	24.35	68	58	0.0080	25.01	66	58	0.0084	25.02
70	56	0.0063	23.72	68	57	0.0074	24.36	66	57	0.0078	24.37
70	55	0.0058	23.10	68	56	0.0068	23.73	66	56	0.0072	23.74
70	54	0.0052	22.49	68	55	0.0062	23.11	66	55	0.0067	23.12
70	53	0.0047	21.89	68	54	0.0057	22.50	66	54	0.0061	22.51
70	52	0.0041	21.31	68	53	0.0051	21.90	66	53	0.0056	21.91
70	51	0.0036	20.74	68	52	0.0046	21.32	66	52	0.0050	21.33
70	50	0.0031	20.18	68	51	0.0041	20.75	66	51	0.0045	20.76
70	49	0.0026	19.63	68	50	0.0035	20.19	66	50	0.0040	20.19
70	48	0.0021	19.09	68	49	0.0030	19.64	66	49	0.0035	19.65
70	47	0.0016	18.57	68	48	0.0025	19.10	66	48	0.0030	19.11
70	46	0.0011	18.05	68	47	0.0021	18.57	66	47	0.0025	18.58
70	45	0.0007	17.54	68	46	0.0016	18.05	66	46	0.0020	18.06
70	44	0.0002	17.04	68	45	0.0011	17.55	66	45	0.0016	17.55
69	69	0.0152	33.17	68	44	0.0007	17.05	66	44	0.0011	17.05
69	68	0.0145	32.34	68	43	0.0002	16.56	66	43	0.0007	16.57
69	67	0.0137	31.53	67	67	0.0142	31.54	66	42	0.0002	16.09
69	66	0.0130	30.74	67	66	0.0135	30.75	65	65	0.0132	29.99
69	65	0.0123	29.96	67	65	0.0127	29.98	65	64	0.0125	29.24
69	64	0.0116	29.21	67	64	0.0120	29.22	65	63	0.0118	28.50
69	63	0.0109	28.47	67	63	0.0114	28.48	65	62	0.0112	27.77
69	62	0.0102	27.74	67	62	0.0107	27.76	65	61	0.0105	27.06
69	61	0.0096	27.04	67	61	0.0101	27.05	65	60	0.0099	26.37
69	60	0.0090	26.34	67	60	0.0094	26.36	65	59	0.0093	25.69
69	59	0.0083	25.67	67	59	0.0088	25.68	65	58	0.0087	25.03
69	58	0.0077	25.00	67	58	0.0082	25.02	65	57	0.0081	24.38
69	57	0.0071	24.36	67	57	0.0076	24.37	65	56	0.0075	23.74
69	56	0.0066	23.72	67	56	0.0070	23.73	65	55	0.0069	23.12

T_{db}	T_{wb}	ω	h	T_{db}	T_{wb}	ω	h	T_{db}	T_{wb}	ω	h
65	54	0.0063	22.51	63	51	0.0052	20.77	61	46	0.0032	18.08
65	53	0.0058	21.92	63	50	0.0047	20.21	61	45	0.0027	17.57
65	52	0.0053	21.33	63	49	0.0042	19.66	61	44	0.0022	17.07
65	51	0.0047	20.76	63	48	0.0037	19.12	61	43	0.0018	16.58
65	50	0.0042	20.20	63	47	0.0032	18.59	61	42	0.0013	16.10
65	49	0.0037	19.65	63	46	0.0027	18.07	61	41	0.0009	15.63
65	48	0.0032	19.11	63	45	0.0022	17.56	61	40	0.0005	15.16
65	47	0.0027	18.58	63	44	0.0018	17.06	61	39	0.0001	14.71
65	46	0.0023	18.06	63	43	0.0013	16.57	60	60	0.0110	26.40
65	45	0.0018	17.56	63	42	0.0009	16.09	60	59	0.0104	25.72
65	44	0.0013	17.06	63	41	0.0005	15.62	60	58	0.0098	25.06
65	43	0.0009	16.57	63	40	0.0000	15.16	60	57	0.0092	24.41
65	42	0.0004	16.09	62	62	0.0119	27.79	60	56	0.0086	23.77
65	41	0.0000	15.62	62	61	0.0112	27.08	60	55	0.0080	23.15
64	64	0.0127	29.24	62	60	0.0106	26.39	60	54	0.0075	22.54
64	63	0.0121	28.50	62	59	0.0099	25.71	60	53	0.0069	21.94
64	62	0.0114	27.78	62	58	0.0093	25.05	60	52	0.0064	21.35
64	61	0.0107	27.07	62	57	0.0087	24.40	60	51	0.0059	20.78
64	60	0.0101	26.38	62	56	0.0082	23.76	60	50	0.0053	20.22
64	59	0.0095	25.70	62	55	0.0076	23.14	60	49	0.0048	19.67
64	58	0.0089	25.03	62	54	0.0070	22.53	60	48	0.0043	19.13
64	57	0.0083	24.39	62	53	0.0065	21.93	60	47	0.0039	18.60
64	56	0.0077	23.75	62	52	0.0059	21.35	60	46	0.0034	18.08
64	55	0.0071	23.13	62	51	0.0054	20.77	60	45	0.0029	17.57
64	54	0.0066	22.52	62	50	0.0049	20.21	60	44	0.0025	17.07
64	53	0.0060	21.92	62	49	0.0044	19.66	60	43	0.0020	16.58
64	52	0.0055	21.34	62	48	0.0039	19.12	60	42	0.0016	16.10
64	51	0.0050	20.76	62	47	0.0034	18.59	60	41	0.0011	15.63
64	50	0.0044	20.20	62	46	0.0029	18.07	60	40	0.0007	15.16
64	49	0.0039	19.65	62	45	0.0025	17.56	60	39	0.0003	14.71
64	48	0.0034	19.11	62	44	0.0020	17.07	59	59	0.0106	25.73
64	47	0.0030	18.59	62	43	0.0016	16.58	59	58	0.0100	25.06
64	46	0.0025	18.07	62	42	0.0011	16.10	59	57	0.0094	24.41
64	45	0.0020	17.56	62	41	0.0007	15.62	59	56	0.0088	23.78
64	44	0.0016	17.06	62	40	0.0003	15.16	59	55	0.0083	23.15
64	43	0.0011	16.57	61	61	0.0114	27.09	59	54	0.0077	22.54
64	42	0.0007	16.09	61	60	0.0108	26.40	59	53	0.0072	21.94
64	41	0.0002	15.62	61	59	0.0102	25.72	59	52	0.0066	21.36
63	63	0.0123	28.51	61	58	0.0096	25.05	59	51	0.0061	20.79
63	62	0.0116	27.78	61	57	0.0090	24.40	59	50	0.0056	20.22
63	61	0.0110	27.08	61	56	0.0084	23.77	59	49	0.0051	19.67
63	60	0.0103	26.38	61	55	0.0078	23.14	59	48	0.0046	19.13
63	59	0.0097	25.70	61	54	0.0073	22.53	59	47	0.0041	18.60
63	58	0.0091	25.04	61	53	0.0067	21.94	59	46	0.0036	18.08
63	57	0.0085	24.39	61	52	0.0062	21.35	59	45	0.0031	17.57
63	56	0.0079	23.75	61	51	0.0056	20.78	59	44	0.0027	17.07
63	55	0.0074	23.13	61	50	0.0051	20.22	59	43	0.0022	16.58
63	54	0.0068	22.52	61	49	0.0046	19.66	59	42	0.0018	16.10
63	53	0.0062	21.93	61	48	0.0041	19.12	59	41	0.0014	15.63
63	52	0.0057	21.34	61	47	0.0036	18.60	59	40	0.0009	15.17

T_{db}	T_{wb}	ω	h	T_{db}	T_{wb}	ω	h	T_{db}	T_{wb}	ω	h
59	39	0.0005	14.71	56	50	0.0063	20.24	54	38	0.0012	14.27
59	38	0.0001	14.26	56	49	0.0057	19.68	54	37	0.0008	13.83
58	58	0.0103	25.07	56	48	0.0053	19.14	54	36	0.0004	13.40
58	57	0.0097	24.42	56	47	0.0048	18.61	54	35	0.0000	12.97
58	56	0.0091	23.78	56	46	0.0043	18.09	53	53	0.0085	21.97
58	55	0.0085	23.16	56	45	0.0038	17.58	53	52	0.0080	21.39
58	54	0.0079	22.55	56	44	0.0034	17.08	53	51	0.0075	20.81
58	53	0.0074	21.95	56	43	0.0029	16.59	53	50	0.0069	20.25
58	52	0.0068	21.36	56	42	0.0025	16.11	53	49	0.0064	19.70
58	51	0.0063	20.79	56	41	0.0020	15.64	53	48	0.0059	19.15
58	50	0.0058	20.23	56	40	0.0016	15.17	53	47	0.0054	18.62
58	49	0.0053	19.68	56	39	0.0012	14.72	53	46	0.0050	18.10
58	48	0.0048	19.14	56	38	0.0008	14.27	53	45	0.0045	17.59
58	47	0.0043	18.61	56	37	0.0004	13.83	53	44	0.0040	17.09
58	46	0.0038	18.09	55	55	0.0092	23.17	53	43	0.0036	16.60
58	45	0.0034	17.58	55	54	0.0086	22.56	53	42	0.0031	16.12
58	44	0.0029	17.08	55	53	0.0081	21.96	53	41	0.0027	15.64
58	43	0.0025	16.59	55	52	0.0075	21.38	53	40	0.0023	15.18
58	42	0.0020	16.10	55	51	0.0070	20.80	53	39	0.0018	14.72
58	41	0.0016	15.63	55	50	0.0065	20.24	53	38	0.0014	14.27
58	40	0.0011	15.17	55	49	0.0060	19.69	53	37	0.0010	13.83
58	39	0.0007	14.71	55	48	0.0055	19.15	53	36	0.0006	13.40
58	38	0.0003	14.26	55	47	0.0050	18.62	53	35	0.0002	12.97
57	57	0.0099	24.43	55	46	0.0045	18.10	52	52	0.0082	21.39
57	56	0.0093	23.79	55	45	0.0040	17.59	52	51	0.0077	20.82
57	55	0.0087	23.16	55	44	0.0036	17.08	52	50	0.0072	20.25
57	54	0.0082	22.55	55	43	0.0031	16.59	52	49	0.0067	19.70
57	53	0.0076	21.95	55	42	0.0027	16.11	52	48	0.0062	19.16
57	52	0.0071	21.37	55	41	0.0022	15.64	52	47	0.0057	18.63
57	51	0.0065	20.79	55	40	0.0018	15.17	52	46	0.0052	18.11
57	50	0.0060	20.23	55	39	0.0014	14.72	52	45	0.0047	17.59
57	49	0.0055	19.68	55	38	0.0010	14.27	52	44	0.0043	17.09
57	48	0.0050	19.14	55	37	0.0006	13.83	52	43	0.0038	16.60
57	47	0.0045	18.61	55	36	0.0002	13.40	52	42	0.0034	16.12
57	46	0.0041	18.09	54	54	0.0089	22.57	52	41	0.0029	15.64
57	45	0.0036	17.58	54	53	0.0083	21.97	52	40	0.0025	15.18
57	44	0.0031	17.08	54	52	0.0078	21.38	52	39	0.0021	14.72
57	43	0.0027	16.59	54	51	0.0072	20.81	52	38	0.0017	14.27
57	42	0.0022	16.11	54	50	0.0067	20.24	52	37	0.0012	13.83
57	41	0.0018	15.63	54	49	0.0062	19.69	52	36	0.0008	13.40
57	40	0.0014	15.17	54	48	0.0057	19.15	52	35	0.0005	12.97
57	39	0.0010	14.71	54	47	0.0052	18.62	52	34	0.0001	12.55
57	38	0.0005	14.27	54	46	0.0047	18.10	51	51	0.0079	20.82
57	37	0.0001	13.83	54	45	0.0043	17.59	51	50	0.0074	20.26
56	56	0.0095	23.79	54	44	0.0038	17.09	51	49	0.0069	19.70
56	55	0.0090	23.17	54	43	0.0034	16.60	51	48	0.0064	19.16
56	54	0.0084	22.56	54	42	0.0029	16.11	51	47	0.0059	18.63
56	53	0.0078	21.96	54	41	0.0025	15.64	51	46	0.0054	18.11
56	52	0.0073	21.37	54	40	0.0020	15.18	51	45	0.0049	17.60
56	51	0.0068	20.80	54	39	0.0016	14.72	51	44	0.0045	17.10

T_{db}	T_{wb}	ω	h	T_{db}	T_{wb}	ω	h	T_{db}	T_{wb}	ω	h
51	43	0.0040	16.60	48	43	0.0047	16.61	45	38	0.0032	14.28
51	42	0.0036	16.12	48	42	0.0043	16.13	45	37	0.0028	13.84
51	41	0.0031	15.65	48	41	0.0038	15.65	45	36	0.0024	13.40
51	40	0.0027	15.18	48	40	0.0034	15.19	45	35	0.0020	12.98
51	39	0.0023	14.72	48	39	0.0030	14.73	45	34	0.0016	12.56
51	38	0.0019	14.27	48	38	0.0025	14.28	45	33	0.0012	12.14
51	37	0.0015	13.83	48	37	0.0021	13.84	45	32	0.0009	11.74
51	36	0.0011	13.40	48	36	0.0017	13.40	44	44	0.0061	17.11
51	35	0.0007	12.97	48	35	0.0013	12.97	44	43	0.0056	16.62
51	34	0.0003	12.55	48	34	0.0010	12.55	44	42	0.0052	16.14
50	50	0.0076	20.26	48	33	0.0006	12.14	44	41	0.0047	15.66
50	49	0.0071	19.71	48	32	0.0002	11.74	44	40	0.0043	15.19
50	48	0.0066	19.16	47	47	0.0068	18.64	44	39	0.0039	14.73
50	47	0.0061	18.63	47	46	0.0063	18.12	44	38	0.0034	14.28
50	46	0.0056	18.11	47	45	0.0058	17.61	44	37	0.0030	13.84
50	45	0.0052	17.60	47	44	0.0054	17.11	44	36	0.0026	13.41
50	44	0.0047	17.10	47	43	0.0049	16.61	44	35	0.0022	12.98
50	43	0.0043	16.61	47	42	0.0045	16.13	44	34	0.0018	12.56
50	42	0.0038	16.12	47	41	0.0040	15.65	44	33	0.0015	12.14
50	41	0.0034	15.65	47	40	0.0036	15.19	44	32	0.0011	11.74
50	40	0.0029	15.18	47	39	0.0032	14.73	43	43	0.0058	16.62
50	39	0.0025	14.72	47	38	0.0028	14.28	43	42	0.0054	16.14
50	38	0.0021	14.28	47	37	0.0024	13.84	43	41	0.0049	15.66
50	37	0.0017	13.83	47	36	0.0020	13.40	43	40	0.0045	15.19
50	36	0.0013	13.40	47	35	0.0016	12.98	43	39	0.0041	14.74
50	35	0.0009	12.97	47	34	0.0012	12.56	43	38	0.0037	14.28
50	34	0.0005	12.55	47	33	0.0008	12.14	43	37	0.0033	13.84
50	33	0.0001	12.14	47	32	0.0004	11.74	43	36	0.0029	13.41
49	49	0.0073	19.71	46	46	0.0066	18.12	43	35	0.0025	12.98
49	48	0.0068	19.17	46	45	0.0061	17.61	43	34	0.0021	12.56
49	47	0.0064	18.64	46	44	0.0056	17.11	43	33	0.0017	12.14
49	46	0.0059	18.11	46	43	0.0052	16.62	43	32	0.0013	11.74
49	45	0.0054	17.60	46	42	0.0047	16.13	42	42	0.0056	16.14
49	44	0.0049	17.10	46	41	0.0043	15.66	42	41	0.0052	15.66
49	43	0.0045	16.61	46	40	0.0038	15.19	42	40	0.0047	15.20
49	42	0.0040	16.12	46	39	0.0034	14.73	42	39	0.0043	14.74
49	41	0.0036	15.65	46	38	0.0030	14.28	42	38	0.0039	14.29
49	40	0.0032	15.18	46	37	0.0026	13.84	42	37	0.0035	13.84
49	39	0.0027	14.73	46	36	0.0022	13.40	42	36	0.0031	13.41
49	38	0.0023	14.28	46	35	0.0018	12.98	42	35	0.0027	12.98
49	37	0.0019	13.83	46	34	0.0014	12.56	42	34	0.0023	12.56
49	36	0.0015	13.40	46	33	0.0010	12.14	42	33	0.0019	12.14
49	35	0.0011	12.97	46	32	0.0006	11.74	42	32	0.0015	11.74
49	34	0.0007	12.55	45	45	0.0063	17.61	41	41	0.0054	15.67
49	33	0.0004	12.14	45	44	0.0058	17.11	41	40	0.0050	15.20
48	48	0.0071	19.17	45	43	0.0054	16.62	41	39	0.0045	14.74
48	47	0.0066	18.64	45	42	0.0049	16.13	41	38	0.0041	14.29
48	46	0.0061	18.12	45	41	0.0045	15.66	41	37	0.0037	13.84
48	45	0.0056	17.61	45	40	0.0041	15.19	41	36	0.0033	13.41
48	44	0.0052	17.10	45	39	0.0036	14.73	41	35	0.0029	12.98

T_{db}	T_{wb}	ω	h	T_{db}	T_{wb}	ω	h	T_{db}	T_{wb}	ω	h
41	34	0.0025	12.56								
41	33	0.0021	12.14								
41	32	0.0018	11.74								
40	40	0.0052	15.20								
40	39	0.0048	14.74								
40	38	0.0043	14.29								
40	37	0.0039	13.85								
40	36	0.0035	13.41								
40	35	0.0031	12.98								
40	34	0.0027	12.56								
40	33	0.0024	12.14								
40	32	0.0020	11.74								
39	39	0.0050	14.74								
39	38	0.0046	14.29								
39	37	0.0042	13.85								
39	36	0.0038	13.41								
39	35	0.0034	12.98								
39	34	0.0030	12.56								
39	33	0.0026	12.14								
39	32	0.0022	11.74								
38	38	0.0048	14.29								
38	37	0.0044	13.85								
38	36	0.0040	13.41								
38	35	0.0036	12.98								
38	34	0.0032	12.56								
38	33	0.0028	12.14								
38	32	0.0024	11.74								
37	37	0.0046	13.85								
37	36	0.0042	13.41								
37	35	0.0038	12.98								
37	34	0.0034	12.56								
37	33	0.0030	12.14								
37	32	0.0027	11.74								
36	36	0.0044	13.41								
36	35	0.0040	12.98								
36	34	0.0036	12.56								
36	33	0.0033	12.14								
36	32	0.0029	11.74								
35	35	0.0043	12.98								
35	34	0.0039	12.56								
35	33	0.0035	12.15								
35	32	0.0031	11.74								
34	34	0.0041	12.56								
34	33	0.0037	12.15								
34	32	0.0033	11.74								
33	33	0.0039	12.15								
33	32	0.0035	11.74								
32	32	0.0038	11.74								

Chapter 3

T_{db} and ϕ

T_{db}	ϕ	ω	h	T_{db}	ϕ	ω	h	T_{db}	ϕ	ω	h
105	64	0.0314	59.94	105	14	0.0066	32.51	104	20	0.0092	35.14
105	63	0.0308	59.37	105	13	0.0061	31.98	104	19	0.0087	34.62
105	62	0.0303	58.80	105	12	0.0056	31.46	104	18	0.0083	34.11
105	61	0.0298	58.23	105	11	0.0052	30.93	104	17	0.0078	33.59
105	60	0.0293	57.67	104	66	0.0314	59.73	104	16	0.0073	33.08
105	59	0.0288	57.10	104	65	0.0309	59.18	104	15	0.0069	32.57
105	58	0.0283	56.53	104	64	0.0304	58.62	104	14	0.0064	32.05
105	57	0.0278	55.97	104	63	0.0299	58.07	104	13	0.0059	31.54
105	56	0.0273	55.41	104	62	0.0294	57.52	104	12	0.0055	31.03
105	55	0.0268	54.84	104	61	0.0289	56.97	104	11	0.0050	30.52
105	54	0.0263	54.28	104	60	0.0284	56.42	103	68	0.0314	59.48
105	53	0.0257	53.72	104	59	0.0279	55.88	103	67	0.0309	58.94
105	52	0.0252	53.16	104	58	0.0274	55.33	103	66	0.0304	58.41
105	51	0.0247	52.60	104	57	0.0269	54.78	103	65	0.0300	57.87
105	50	0.0242	52.04	104	56	0.0264	54.24	103	64	0.0295	57.34
105	49	0.0237	51.49	104	55	0.0259	53.69	103	63	0.0290	56.81
105	48	0.0232	50.93	104	54	0.0255	53.15	103	62	0.0285	56.27
105	47	0.0227	50.37	104	53	0.0250	52.61	103	61	0.0280	55.74
105	46	0.0222	49.82	104	52	0.0245	52.06	103	60	0.0275	55.21
105	45	0.0217	49.27	104	51	0.0240	51.52	103	59	0.0271	54.68
105	44	0.0212	48.71	104	50	0.0235	50.98	103	58	0.0266	54.15
105	43	0.0207	48.16	104	49	0.0230	50.44	103	57	0.0261	53.62
105	42	0.0202	47.61	104	48	0.0225	49.90	103	56	0.0256	53.09
105	41	0.0197	47.06	104	47	0.0220	49.37	103	55	0.0252	52.57
105	40	0.0192	46.51	104	46	0.0216	48.83	103	54	0.0247	52.04
105	39	0.0187	45.96	104	45	0.0211	48.29	103	53	0.0242	51.52
105	38	0.0182	45.41	104	44	0.0206	47.76	103	52	0.0237	50.99
105	37	0.0178	44.87	104	43	0.0201	47.22	103	51	0.0233	50.47
105	36	0.0173	44.32	104	42	0.0196	46.69	103	50	0.0228	49.94
105	35	0.0168	43.77	104	41	0.0191	46.15	103	49	0.0223	49.42
105	34	0.0163	43.23	104	40	0.0187	45.62	103	48	0.0218	48.90
105	33	0.0158	42.69	104	39	0.0182	45.09	103	47	0.0214	48.38
105	32	0.0153	42.14	104	38	0.0177	44.56	103	46	0.0209	47.86
105	31	0.0148	41.60	104	37	0.0172	44.03	103	45	0.0204	47.34
105	30	0.0143	41.06	104	36	0.0167	43.50	103	44	0.0200	46.82
105	29	0.0138	40.52	104	35	0.0163	42.97	103	43	0.0195	46.30
105	28	0.0133	39.98	104	34	0.0158	42.44	103	42	0.0190	45.78
105	27	0.0129	39.44	104	33	0.0153	41.92	103	41	0.0186	45.27
105	26	0.0124	38.90	104	32	0.0148	41.39	103	40	0.0181	44.75
105	25	0.0119	38.37	104	31	0.0144	40.87	103	39	0.0176	44.24
105	24	0.0114	37.83	104	30	0.0139	40.34	103	38	0.0172	43.72
105	23	0.0109	37.29	104	29	0.0134	39.82	103	37	0.0167	43.21
105	22	0.0104	36.76	104	28	0.0129	39.29	103	36	0.0162	42.70
105	21	0.0100	36.23	104	27	0.0125	38.77	103	35	0.0158	42.18
105	20	0.0095	35.69	104	26	0.0120	38.25	103	34	0.0153	41.67
105	19	0.0090	35.16	104	25	0.0115	37.73	103	33	0.0149	41.16
105	18	0.0085	34.63	104	24	0.0111	37.21	103	32	0.0144	40.65
105	17	0.0080	34.10	104	23	0.0106	36.69	103	31	0.0139	40.14
105	16	0.0076	33.57	104	22	0.0101	36.17	103	30	0.0135	39.64
105	15	0.0071	33.04	104	21	0.0097	35.65	103	29	0.0130	39.13

T_{db}	ϕ	ω	h	T_{db}	ϕ	ω	h	T_{db}	ϕ	ω	h
103	28	0.0126	38.62	102	39	0.0171	43.40	101	53	0.0228	49.40
103	27	0.0121	38.11	102	38	0.0167	42.90	101	52	0.0223	48.91
103	26	0.0116	37.61	102	37	0.0162	42.40	101	51	0.0219	48.42
103	25	0.0112	37.10	102	36	0.0158	41.91	101	50	0.0214	47.93
103	24	0.0107	36.60	102	35	0.0153	41.41	101	49	0.0210	47.44
103	23	0.0103	36.10	102	34	0.0149	40.92	101	48	0.0205	46.95
103	22	0.0098	35.59	102	33	0.0144	40.42	101	47	0.0201	46.46
103	21	0.0094	35.09	102	32	0.0140	39.93	101	46	0.0197	45.98
103	20	0.0089	34.59	102	31	0.0135	39.43	101	45	0.0192	45.49
103	19	0.0085	34.09	102	30	0.0131	38.94	101	44	0.0188	45.00
103	18	0.0080	33.59	102	29	0.0126	38.45	101	43	0.0183	44.52
103	17	0.0076	33.09	102	28	0.0122	37.96	101	42	0.0179	44.03
103	16	0.0071	32.60	102	27	0.0117	37.47	101	41	0.0175	43.55
103	15	0.0067	32.10	102	26	0.0113	36.98	101	40	0.0170	43.06
103	14	0.0062	31.60	102	25	0.0109	36.49	101	39	0.0166	42.58
103	13	0.0058	31.10	102	24	0.0104	36.00	101	38	0.0161	42.10
103	12	0.0053	30.61	102	23	0.0100	35.51	101	37	0.0157	41.62
103	11	0.0049	30.11	102	22	0.0095	35.03	101	36	0.0153	41.13
102	71	0.0319	59.72	102	21	0.0091	34.54	101	35	0.0148	40.65
102	70	0.0314	59.20	102	20	0.0087	34.05	101	34	0.0144	40.17
102	69	0.0309	58.68	102	19	0.0082	33.57	101	33	0.0140	39.70
102	68	0.0304	58.16	102	18	0.0078	33.08	101	32	0.0135	39.22
102	67	0.0300	57.64	102	17	0.0073	32.60	101	31	0.0131	38.74
102	66	0.0295	57.12	102	16	0.0069	32.12	101	30	0.0127	38.26
102	65	0.0290	56.60	102	15	0.0065	31.64	101	29	0.0122	37.78
102	64	0.0286	56.09	102	14	0.0060	31.15	101	28	0.0118	37.31
102	63	0.0281	55.57	102	13	0.0056	30.67	101	27	0.0114	36.83
102	62	0.0276	55.05	102	12	0.0052	30.19	101	26	0.0110	36.36
102	61	0.0272	54.54	102	11	0.0047	29.71	101	25	0.0105	35.89
102	60	0.0267	54.03	101	74	0.0322	59.89	101	24	0.0101	35.41
102	59	0.0262	53.51	101	73	0.0318	59.39	101	23	0.0097	34.94
102	58	0.0258	53.00	101	72	0.0313	58.88	101	22	0.0092	34.47
102	57	0.0253	52.49	101	71	0.0309	58.38	101	21	0.0088	34.00
102	56	0.0249	51.98	101	70	0.0304	57.87	101	20	0.0084	33.52
102	55	0.0244	51.47	101	69	0.0300	57.37	101	19	0.0080	33.05
102	54	0.0239	50.96	101	68	0.0295	56.86	101	18	0.0075	32.58
102	53	0.0235	50.45	101	67	0.0290	56.36	101	17	0.0071	32.12
102	52	0.0230	49.94	101	66	0.0286	55.86	101	16	0.0067	31.65
102	51	0.0226	49.43	101	65	0.0281	55.36	101	15	0.0063	31.18
102	50	0.0221	48.93	101	64	0.0277	54.86	101	14	0.0059	30.71
102	49	0.0216	48.42	101	63	0.0272	54.36	101	13	0.0054	30.25
102	48	0.0212	47.91	101	62	0.0268	53.86	101	12	0.0050	29.78
102	47	0.0207	47.41	101	61	0.0263	53.36	101	11	0.0046	29.32
102	46	0.0203	46.91	101	60	0.0259	52.87	100	76	0.0321	59.51
102	45	0.0198	46.40	101	59	0.0254	52.37	100	75	0.0317	59.02
102	44	0.0194	45.90	101	58	0.0250	51.87	100	74	0.0312	58.53
102	43	0.0189	45.40	101	57	0.0245	51.38	100	73	0.0308	58.04
102	42	0.0185	44.90	101	56	0.0241	50.88	100	72	0.0303	57.55
102	41	0.0180	44.40	101	55	0.0236	50.39	100	71	0.0299	57.06
102	40	0.0176	43.90	101	54	0.0232	49.90	100	70	0.0295	56.58

T_{db}	ϕ	ω	h	T_{db}	ϕ	ω	h	T_{db}	ϕ	ω	h
100	69	0.0290	56.09	100	19	0.0077	32.55	99	38	0.0152	40.54
100	68	0.0286	55.60	100	18	0.0073	32.09	99	37	0.0148	40.08
100	67	0.0281	55.12	100	17	0.0069	31.64	99	36	0.0144	39.63
100	66	0.0277	54.63	100	16	0.0065	31.18	99	35	0.0140	39.18
100	65	0.0273	54.15	100	15	0.0061	30.73	99	34	0.0135	38.73
100	64	0.0268	53.66	100	14	0.0057	30.28	99	33	0.0131	38.28
100	63	0.0264	53.18	100	13	0.0053	29.82	99	32	0.0127	37.83
100	62	0.0260	52.70	100	12	0.0049	29.37	99	31	0.0123	37.38
100	61	0.0255	52.22	100	11	0.0045	28.92	99	30	0.0119	36.94
100	60	0.0251	51.73	99	79	0.0324	59.58	99	29	0.0115	36.49
100	59	0.0247	51.25	99	78	0.0320	59.10	99	28	0.0111	36.04
100	58	0.0242	50.77	99	77	0.0316	58.63	99	27	0.0107	35.60
100	57	0.0238	50.29	99	76	0.0311	58.15	99	26	0.0103	35.15
100	56	0.0234	49.82	99	75	0.0307	57.67	99	25	0.0099	34.70
100	55	0.0229	49.34	99	74	0.0303	57.20	99	24	0.0095	34.26
100	54	0.0225	48.86	99	73	0.0298	56.73	99	23	0.0091	33.82
100	53	0.0221	48.38	99	72	0.0294	56.25	99	22	0.0087	33.37
100	52	0.0216	47.91	99	71	0.0290	55.78	99	21	0.0083	32.93
100	51	0.0212	47.43	99	70	0.0286	55.31	99	20	0.0079	32.49
100	50	0.0208	46.96	99	69	0.0281	54.84	99	19	0.0075	32.05
100	49	0.0203	46.48	99	68	0.0277	54.37	99	18	0.0071	31.61
100	48	0.0199	46.01	99	67	0.0273	53.90	99	17	0.0067	31.16
100	47	0.0195	45.54	99	66	0.0268	53.43	99	16	0.0063	30.72
100	46	0.0191	45.06	99	65	0.0264	52.96	99	15	0.0059	30.29
100	45	0.0186	44.59	99	64	0.0260	52.49	99	14	0.0055	29.85
100	44	0.0182	44.12	99	63	0.0256	52.03	99	13	0.0051	29.41
100	43	0.0178	43.65	99	62	0.0252	51.56	99	12	0.0047	28.97
100	42	0.0174	43.18	99	61	0.0247	51.09	99	11	0.0043	28.53
100	41	0.0169	42.71	99	60	0.0243	50.63	98	82	0.0327	59.59
100	40	0.0165	42.24	99	59	0.0239	50.16	98	81	0.0322	59.12
100	39	0.0161	41.78	99	58	0.0235	49.70	98	80	0.0318	58.66
100	38	0.0157	41.31	99	57	0.0231	49.23	98	79	0.0314	58.20
100	37	0.0152	40.84	99	56	0.0226	48.77	98	78	0.0310	57.74
100	36	0.0148	40.38	99	55	0.0222	48.31	98	77	0.0306	57.28
100	35	0.0144	39.91	99	54	0.0218	47.85	98	76	0.0301	56.82
100	34	0.0140	39.45	99	53	0.0214	47.38	98	75	0.0297	56.36
100	33	0.0136	38.98	99	52	0.0210	46.92	98	74	0.0293	55.90
100	32	0.0131	38.52	99	51	0.0205	46.46	98	73	0.0289	55.45
100	31	0.0127	38.06	99	50	0.0201	46.00	98	72	0.0285	54.99
100	30	0.0123	37.59	99	49	0.0197	45.55	98	71	0.0281	54.53
100	29	0.0119	37.13	99	48	0.0193	45.09	98	70	0.0277	54.07
100	28	0.0115	36.67	99	47	0.0189	44.63	98	69	0.0272	53.62
100	27	0.0110	36.21	99	46	0.0185	44.17	98	68	0.0268	53.16
100	26	0.0106	35.75	99	45	0.0181	43.72	98	67	0.0264	52.71
100	25	0.0102	35.29	99	44	0.0176	43.26	98	66	0.0260	52.26
100	24	0.0098	34.83	99	43	0.0172	42.80	98	65	0.0256	51.80
100	23	0.0094	34.37	99	42	0.0168	42.35	98	64	0.0252	51.35
100	22	0.0090	33.92	99	41	0.0164	41.89	98	63	0.0248	50.90
100	21	0.0086	33.46	99	40	0.0160	41.44	98	62	0.0244	50.45
100	20	0.0081	33.00	99	39	0.0156	40.99	98	61	0.0240	49.99

T_{db}	ϕ	ω	h	T_{db}	ϕ	ω	h	T_{db}	ϕ	ω	h
98	60	0.0236	49.54	97	86	0.0332	59.99	97	36	0.0135	38.18
98	59	0.0232	49.09	97	85	0.0328	59.54	97	35	0.0131	37.76
98	58	0.0227	48.65	97	84	0.0324	59.09	97	34	0.0127	37.34
98	57	0.0223	48.20	97	83	0.0320	58.65	97	33	0.0124	36.92
98	56	0.0219	47.75	97	82	0.0316	58.20	97	32	0.0120	36.50
98	55	0.0215	47.30	97	81	0.0312	57.75	97	31	0.0116	36.08
98	54	0.0211	46.85	97	80	0.0308	57.30	97	30	0.0112	35.66
98	53	0.0207	46.41	97	79	0.0304	56.86	97	29	0.0108	35.24
98	52	0.0203	45.96	97	78	0.0300	56.41	97	28	0.0104	34.82
98	51	0.0199	45.52	97	77	0.0296	55.97	97	27	0.0101	34.40
98	50	0.0195	45.07	97	76	0.0292	55.52	97	26	0.0097	33.98
98	49	0.0191	44.63	97	75	0.0288	55.08	97	25	0.0093	33.56
98	48	0.0187	44.18	97	74	0.0284	54.64	97	24	0.0089	33.15
98	47	0.0183	43.74	97	73	0.0280	54.19	97	23	0.0086	32.73
98	46	0.0179	43.30	97	72	0.0276	53.75	97	22	0.0082	32.31
98	45	0.0175	42.86	97	71	0.0272	53.31	97	21	0.0078	31.90
98	44	0.0171	42.41	97	70	0.0268	52.87	97	20	0.0074	31.48
98	43	0.0167	41.97	97	69	0.0264	52.43	97	19	0.0071	31.07
98	42	0.0163	41.53	97	68	0.0260	51.99	97	18	0.0067	30.65
98	41	0.0159	41.09	97	67	0.0256	51.55	97	17	0.0063	30.24
98	40	0.0155	40.65	97	66	0.0252	51.11	97	16	0.0059	29.83
98	39	0.0151	40.21	97	65	0.0248	50.67	97	15	0.0056	29.41
98	38	0.0147	39.78	97	64	0.0244	50.23	97	14	0.0052	29.00
98	37	0.0143	39.34	97	63	0.0240	49.80	97	13	0.0048	28.59
98	36	0.0139	38.90	97	62	0.0236	49.36	97	12	0.0044	28.18
98	35	0.0135	38.47	97	61	0.0232	48.92	97	11	0.0041	27.77
98	34	0.0131	38.03	97	60	0.0228	48.49	96	89	0.0334	59.88
98	33	0.0127	37.59	97	59	0.0224	48.05	96	88	0.0330	59.45
98	32	0.0123	37.16	97	58	0.0220	47.62	96	87	0.0326	59.01
98	31	0.0120	36.72	97	57	0.0216	47.18	96	86	0.0322	58.58
98	30	0.0116	36.29	97	56	0.0213	46.75	96	85	0.0318	58.14
98	29	0.0112	35.86	97	55	0.0209	46.32	96	84	0.0314	57.71
98	28	0.0108	35.42	97	54	0.0205	45.88	96	83	0.0310	57.28
98	27	0.0104	34.99	97	53	0.0201	45.45	96	82	0.0306	56.84
98	26	0.0100	34.56	97	52	0.0197	45.02	96	81	0.0302	56.41
98	25	0.0096	34.13	97	51	0.0193	44.59	96	80	0.0298	55.98
98	24	0.0092	33.70	97	50	0.0189	44.16	96	79	0.0295	55.55
98	23	0.0088	33.27	97	49	0.0185	43.73	96	78	0.0291	55.12
98	22	0.0084	32.84	97	48	0.0181	43.30	96	77	0.0287	54.69
98	21	0.0080	32.41	97	47	0.0177	42.87	96	76	0.0283	54.26
98	20	0.0077	31.98	97	46	0.0174	42.44	96	75	0.0279	53.83
98	19	0.0073	31.55	97	45	0.0170	42.01	96	74	0.0275	53.40
98	18	0.0069	31.13	97	44	0.0166	41.59	96	73	0.0271	52.97
98	17	0.0065	30.70	97	43	0.0162	41.16	96	72	0.0267	52.54
98	16	0.0061	30.27	97	42	0.0158	40.73	96	71	0.0263	52.12
98	15	0.0057	29.85	97	41	0.0154	40.31	96	70	0.0260	51.69
98	14	0.0053	29.42	97	40	0.0150	39.88	96	69	0.0256	51.26
98	13	0.0050	29.00	97	39	0.0147	39.46	96	68	0.0252	50.84
98	12	0.0046	28.57	97	38	0.0143	39.03	96	67	0.0248	50.41
98	11	0.0042	28.15	97	37	0.0139	38.61	96	66	0.0244	49.99

T_{db}	ϕ	ω	h	T_{db}	ϕ	ω	h	T_{db}	ϕ	ω	h
96	65	0.0240	49.56	96	15	0.0054	28.98	95	47	0.0167	41.18
96	64	0.0236	49.14	96	14	0.0050	28.58	95	46	0.0163	40.78
96	63	0.0233	48.72	96	13	0.0047	28.19	95	45	0.0159	40.38
96	62	0.0229	48.29	96	12	0.0043	27.79	95	44	0.0156	39.98
96	61	0.0225	47.87	96	11	0.0039	27.39	95	43	0.0152	39.58
96	60	0.0221	47.45	95	92	0.0335	59.73	95	42	0.0148	39.18
96	59	0.0217	47.03	95	91	0.0331	59.30	95	41	0.0145	38.78
96	58	0.0214	46.61	95	90	0.0327	58.88	95	40	0.0141	38.38
96	57	0.0210	46.19	95	89	0.0323	58.46	95	39	0.0138	37.98
96	56	0.0206	45.77	95	88	0.0319	58.04	95	38	0.0134	37.58
96	55	0.0202	45.35	95	87	0.0316	57.62	95	37	0.0130	37.19
96	54	0.0198	44.93	95	86	0.0312	57.20	95	36	0.0127	36.79
96	53	0.0195	44.51	95	85	0.0308	56.78	95	35	0.0123	36.39
96	52	0.0191	44.10	95	84	0.0304	56.36	95	34	0.0120	36.00
96	51	0.0187	43.68	95	83	0.0300	55.94	95	33	0.0116	35.60
96	50	0.0183	43.26	95	82	0.0297	55.52	95	32	0.0112	35.21
96	49	0.0179	42.85	95	81	0.0293	55.10	95	31	0.0109	34.81
96	48	0.0176	42.43	95	80	0.0289	54.68	95	30	0.0105	34.42
96	47	0.0172	42.02	95	79	0.0285	54.27	95	29	0.0102	34.03
96	46	0.0168	41.60	95	78	0.0281	53.85	95	28	0.0098	33.63
96	45	0.0164	41.19	95	77	0.0278	53.44	95	27	0.0095	33.24
96	44	0.0161	40.77	95	76	0.0274	53.02	95	26	0.0091	32.85
96	43	0.0157	40.36	95	75	0.0270	52.61	95	25	0.0088	32.46
96	42	0.0153	39.95	95	74	0.0266	52.19	95	24	0.0084	32.06
96	41	0.0149	39.54	95	73	0.0263	51.78	95	23	0.0080	31.67
96	40	0.0146	39.12	95	72	0.0259	51.36	95	22	0.0077	31.28
96	39	0.0142	38.71	95	71	0.0255	50.95	95	21	0.0073	30.89
96	38	0.0138	38.30	95	70	0.0251	50.54	95	20	0.0070	30.50
96	37	0.0135	37.89	95	69	0.0248	50.13	95	19	0.0066	30.11
96	36	0.0131	37.48	95	68	0.0244	49.71	95	18	0.0063	29.72
96	35	0.0127	37.07	95	67	0.0240	49.30	95	17	0.0059	29.34
96	34	0.0123	36.66	95	66	0.0237	48.89	95	16	0.0056	28.95
96	33	0.0120	36.25	95	65	0.0233	48.48	95	15	0.0052	28.56
96	32	0.0116	35.85	95	64	0.0229	48.07	95	14	0.0049	28.17
96	31	0.0112	35.44	95	63	0.0225	47.66	95	13	0.0045	27.79
96	30	0.0109	35.03	95	62	0.0222	47.26	95	12	0.0042	27.40
96	29	0.0105	34.63	95	61	0.0218	46.85	95	11	0.0038	27.02
96	28	0.0101	34.22	95	60	0.0214	46.44	94	96	0.0339	59.93
96	27	0.0098	33.81	95	59	0.0211	46.03	94	95	0.0335	59.52
96	26	0.0094	33.41	95	58	0.0207	45.62	94	94	0.0331	59.11
96	25	0.0090	33.00	95	57	0.0203	45.22	94	93	0.0328	58.70
96	24	0.0087	32.60	95	56	0.0200	44.81	94	92	0.0324	58.29
96	23	0.0083	32.20	95	55	0.0196	44.41	94	91	0.0320	57.88
96	22	0.0079	31.79	95	54	0.0192	44.00	94	90	0.0317	57.48
96	21	0.0076	31.39	95	53	0.0189	43.60	94	89	0.0313	57.07
96	20	0.0072	30.99	95	52	0.0185	43.19	94	88	0.0309	56.66
96	19	0.0068	30.59	95	51	0.0181	42.79	94	87	0.0306	56.26
96	18	0.0065	30.19	95	50	0.0178	42.39	94	86	0.0302	55.85
96	17	0.0061	29.78	95	49	0.0174	41.98	94	85	0.0298	55.44
96	16	0.0057	29.38	95	48	0.0170	41.58	94	84	0.0295	55.04

T_{db}	ϕ	ω	h	T_{db}	ϕ	ω	h	T_{db}	ϕ	ω	h
94	83	0.0291	54.63	94	33	0.0112	34.96	93	72	0.0243	49.09
94	82	0.0287	54.23	94	32	0.0109	34.58	93	71	0.0239	48.70
94	81	0.0284	53.83	94	31	0.0106	34.20	93	70	0.0236	48.31
94	80	0.0280	53.42	94	30	0.0102	33.82	93	69	0.0232	47.93
94	79	0.0276	53.02	94	29	0.0099	33.44	93	68	0.0229	47.54
94	78	0.0273	52.62	94	28	0.0095	33.05	93	67	0.0225	47.16
94	77	0.0269	52.21	94	27	0.0092	32.67	93	66	0.0222	46.78
94	76	0.0265	51.81	94	26	0.0088	32.29	93	65	0.0218	46.39
94	75	0.0262	51.41	94	25	0.0085	31.92	93	64	0.0215	46.01
94	74	0.0258	51.01	94	24	0.0081	31.54	93	63	0.0211	45.63
94	73	0.0254	50.61	94	23	0.0078	31.16	93	62	0.0208	45.24
94	72	0.0251	50.21	94	22	0.0075	30.78	93	61	0.0204	44.86
94	71	0.0247	49.81	94	21	0.0071	30.40	93	60	0.0201	44.48
94	70	0.0243	49.41	94	20	0.0068	30.02	93	59	0.0198	44.10
94	69	0.0240	49.02	94	19	0.0064	29.65	93	58	0.0194	43.72
94	68	0.0236	48.62	94	18	0.0061	29.27	93	57	0.0191	43.34
94	67	0.0233	48.22	94	17	0.0057	28.89	93	56	0.0187	42.96
94	66	0.0229	47.82	94	16	0.0054	28.52	93	55	0.0184	42.58
94	65	0.0225	47.43	94	15	0.0051	28.14	93	54	0.0180	42.20
94	64	0.0222	47.03	94	14	0.0047	27.77	93	53	0.0177	41.82
94	63	0.0218	46.63	94	13	0.0044	27.39	93	52	0.0173	41.44
94	62	0.0215	46.24	94	12	0.0040	27.02	93	51	0.0170	41.07
94	61	0.0211	45.84	94	11	0.0037	26.65	93	50	0.0167	40.69
94	60	0.0208	45.45	93	99	0.0339	59.67	93	49	0.0163	40.31
94	59	0.0204	45.06	93	98	0.0335	59.27	93	48	0.0160	39.93
94	58	0.0200	44.66	93	97	0.0332	58.88	93	47	0.0156	39.56
94	57	0.0197	44.27	93	96	0.0328	58.48	93	46	0.0153	39.18
94	56	0.0193	43.88	93	95	0.0324	58.08	93	45	0.0150	38.81
94	55	0.0190	43.48	93	94	0.0321	57.69	93	44	0.0146	38.43
94	54	0.0186	43.09	93	93	0.0317	57.29	93	43	0.0143	38.06
94	53	0.0183	42.70	93	92	0.0314	56.90	93	42	0.0139	37.68
94	52	0.0179	42.31	93	91	0.0310	56.50	93	41	0.0136	37.31
94	51	0.0176	41.92	93	90	0.0306	56.11	93	40	0.0133	36.94
94	50	0.0172	41.53	93	89	0.0303	55.71	93	39	0.0129	36.56
94	49	0.0168	41.14	93	88	0.0299	55.32	93	38	0.0126	36.19
94	48	0.0165	40.75	93	87	0.0296	54.93	93	37	0.0122	35.82
94	47	0.0161	40.36	93	86	0.0292	54.54	93	36	0.0119	35.45
94	46	0.0158	39.97	93	85	0.0289	54.14	93	35	0.0116	35.08
94	45	0.0154	39.58	93	84	0.0285	53.75	93	34	0.0112	34.70
94	44	0.0151	39.20	93	83	0.0282	53.36	93	33	0.0109	34.33
94	43	0.0147	38.81	93	82	0.0278	52.97	93	32	0.0106	33.96
94	42	0.0144	38.42	93	81	0.0274	52.58	93	31	0.0102	33.59
94	41	0.0140	38.04	93	80	0.0271	52.19	93	30	0.0099	33.22
94	40	0.0137	37.65	93	79	0.0267	51.80	93	29	0.0096	32.86
94	39	0.0133	37.27	93	78	0.0264	51.41	93	28	0.0092	32.49
94	38	0.0130	36.88	93	77	0.0260	51.02	93	27	0.0089	32.12
94	37	0.0126	36.50	93	76	0.0257	50.63	93	26	0.0086	31.75
94	36	0.0123	36.11	93	75	0.0253	50.25	93	25	0.0082	31.38
94	35	0.0119	35.73	93	74	0.0250	49.86	93	24	0.0079	31.02
94	34	0.0116	35.35	93	73	0.0246	49.47	93	23	0.0076	30.65

T_{db}	ϕ	ω	h	T_{db}	ϕ	ω	h	T_{db}	ϕ	ω	h
93	22	0.0072	30.28	92	62	0.0201	44.27	92	12	0.0038	26.27
93	21	0.0069	29.92	92	61	0.0198	43.90	92	11	0.0035	25.92
93	20	0.0066	29.55	92	60	0.0195	43.53	91	100	0.0321	57.17
93	19	0.0062	29.19	92	59	0.0191	43.17	91	99	0.0317	56.79
93	18	0.0059	28.82	92	58	0.0188	42.80	91	98	0.0314	56.42
93	17	0.0056	28.46	92	57	0.0185	42.43	91	97	0.0311	56.05
93	16	0.0052	28.09	92	56	0.0181	42.06	91	96	0.0307	55.68
93	15	0.0049	27.73	92	55	0.0178	41.69	91	95	0.0304	55.31
93	14	0.0046	27.37	92	54	0.0175	41.33	91	94	0.0301	54.94
93	13	0.0042	27.00	92	53	0.0171	40.96	91	93	0.0297	54.57
93	12	0.0039	26.64	92	52	0.0168	40.60	91	92	0.0294	54.21
93	11	0.0036	26.28	92	51	0.0165	40.23	91	91	0.0290	53.84
92	100	0.0331	58.60	92	50	0.0161	39.87	91	90	0.0287	53.47
92	99	0.0328	58.21	92	49	0.0158	39.50	91	89	0.0284	53.10
92	98	0.0324	57.83	92	48	0.0155	39.14	91	88	0.0280	52.74
92	97	0.0321	57.45	92	47	0.0151	38.77	91	87	0.0277	52.37
92	96	0.0317	57.06	92	46	0.0148	38.41	91	86	0.0274	52.00
92	95	0.0314	56.68	92	45	0.0145	38.05	91	85	0.0271	51.64
92	94	0.0311	56.30	92	44	0.0142	37.68	91	84	0.0267	51.27
92	93	0.0307	55.92	92	43	0.0138	37.32	91	83	0.0264	50.91
92	92	0.0304	55.53	92	42	0.0135	36.96	91	82	0.0261	50.54
92	91	0.0300	55.15	92	41	0.0132	36.60	91	81	0.0257	50.18
92	90	0.0297	54.77	92	40	0.0128	36.23	91	80	0.0254	49.81
92	89	0.0293	54.39	92	39	0.0125	35.87	91	79	0.0251	49.45
92	88	0.0290	54.01	92	38	0.0122	35.51	91	78	0.0247	49.08
92	87	0.0286	53.63	92	37	0.0119	35.15	91	77	0.0244	48.72
92	86	0.0283	53.25	92	36	0.0115	34.79	91	76	0.0241	48.36
92	85	0.0279	52.87	92	35	0.0112	34.43	91	75	0.0237	48.00
92	84	0.0276	52.50	92	34	0.0109	34.07	91	74	0.0234	47.63
92	83	0.0273	52.12	92	33	0.0106	33.72	91	73	0.0231	47.27
92	82	0.0269	51.74	92	32	0.0102	33.36	91	72	0.0228	46.91
92	81	0.0266	51.36	92	31	0.0099	33.00	91	71	0.0224	46.55
92	80	0.0262	50.99	92	30	0.0096	32.64	91	70	0.0221	46.19
92	79	0.0259	50.61	92	29	0.0093	32.28	91	69	0.0218	45.83
92	78	0.0255	50.23	92	28	0.0089	31.93	91	68	0.0215	45.47
92	77	0.0252	49.86	92	27	0.0086	31.57	91	67	0.0211	45.11
92	76	0.0249	49.48	92	26	0.0083	31.21	91	66	0.0208	44.75
92	75	0.0245	49.11	92	25	0.0080	30.86	91	65	0.0205	44.39
92	74	0.0242	48.73	92	24	0.0076	30.50	91	64	0.0202	44.04
92	73	0.0238	48.36	92	23	0.0073	30.15	91	63	0.0198	43.68
92	72	0.0235	47.99	92	22	0.0070	29.79	91	62	0.0195	43.32
92	71	0.0232	47.61	92	21	0.0067	29.44	91	61	0.0192	42.96
92	70	0.0228	47.24	92	20	0.0064	29.09	91	60	0.0189	42.61
92	69	0.0225	46.87	92	19	0.0060	28.73	91	59	0.0185	42.25
92	68	0.0222	46.50	92	18	0.0057	28.38	91	58	0.0182	41.89
92	67	0.0218	46.12	92	17	0.0054	28.03	91	57	0.0179	41.54
92	66	0.0215	45.75	92	16	0.0051	27.67	91	56	0.0176	41.18
92	65	0.0211	45.38	92	15	0.0048	27.32	91	55	0.0172	40.83
92	64	0.0208	45.01	92	14	0.0044	26.97	91	54	0.0169	40.47
92	63	0.0205	44.64	92	13	0.0041	26.62	91	53	0.0166	40.12

T_{db}	ϕ	ω	h	T_{db}	ϕ	ω	h	T_{db}	ϕ	ω	h
91	52	0.0163	39.77	90	92	0.0284	52.91	90	42	0.0127	35.55
91	51	0.0160	39.41	90	91	0.0281	52.55	90	41	0.0124	35.21
91	50	0.0156	39.06	90	90	0.0278	52.20	90	40	0.0121	34.87
91	49	0.0153	38.71	90	89	0.0275	51.84	90	39	0.0117	34.53
91	48	0.0150	38.35	90	88	0.0271	51.49	90	38	0.0114	34.19
91	47	0.0147	38.00	90	87	0.0268	51.14	90	37	0.0111	33.86
91	46	0.0144	37.65	90	86	0.0265	50.78	90	36	0.0108	33.52
91	45	0.0140	37.30	90	85	0.0262	50.43	90	35	0.0105	33.18
91	44	0.0137	36.95	90	84	0.0259	50.07	90	34	0.0102	32.85
91	43	0.0134	36.60	90	83	0.0255	49.72	90	33	0.0099	32.51
91	42	0.0131	36.25	90	82	0.0252	49.37	90	32	0.0096	32.18
91	41	0.0128	35.90	90	81	0.0249	49.02	90	31	0.0093	31.84
91	40	0.0124	35.55	90	80	0.0246	48.66	90	30	0.0090	31.50
91	39	0.0121	35.20	90	79	0.0243	48.31	90	29	0.0087	31.17
91	38	0.0118	34.85	90	78	0.0239	47.96	90	28	0.0084	30.84
91	37	0.0115	34.50	90	77	0.0236	47.61	90	27	0.0081	30.50
91	36	0.0112	34.15	90	76	0.0233	47.26	90	26	0.0078	30.17
91	35	0.0109	33.80	90	75	0.0230	46.91	90	25	0.0075	29.83
91	34	0.0105	33.46	90	74	0.0227	46.56	90	24	0.0072	29.50
91	33	0.0102	33.11	90	73	0.0224	46.21	90	23	0.0069	29.17
91	32	0.0099	32.76	90	72	0.0220	45.86	90	22	0.0066	28.84
91	31	0.0096	32.41	90	71	0.0217	45.51	90	21	0.0063	28.50
91	30	0.0093	32.07	90	70	0.0214	45.17	90	20	0.0060	28.17
91	29	0.0090	31.72	90	69	0.0211	44.82	90	19	0.0057	27.84
91	28	0.0087	31.38	90	68	0.0208	44.47	90	18	0.0054	27.51
91	27	0.0083	31.03	90	67	0.0205	44.12	90	17	0.0051	27.18
91	26	0.0080	30.69	90	66	0.0201	43.78	90	16	0.0048	26.85
91	25	0.0077	30.34	90	65	0.0198	43.43	90	15	0.0045	26.52
91	24	0.0074	30.00	90	64	0.0195	43.08	90	14	0.0042	26.19
91	23	0.0071	29.65	90	63	0.0192	42.74	90	13	0.0039	25.86
91	22	0.0068	29.31	90	62	0.0189	42.39	90	12	0.0036	25.53
91	21	0.0065	28.97	90	61	0.0186	42.05	90	11	0.0033	25.20
91	20	0.0062	28.63	90	60	0.0183	41.70	89	100	0.0300	54.41
91	19	0.0058	28.28	90	59	0.0179	41.36	89	99	0.0297	54.06
91	18	0.0055	27.94	90	58	0.0176	41.01	89	98	0.0294	53.71
91	17	0.0052	27.60	90	57	0.0173	40.67	89	97	0.0291	53.37
91	16	0.0049	27.26	90	56	0.0170	40.32	89	96	0.0288	53.02
91	15	0.0046	26.92	90	55	0.0167	39.98	89	95	0.0285	52.68
91	14	0.0043	26.58	90	54	0.0164	39.64	89	94	0.0281	52.33
91	13	0.0040	26.24	90	53	0.0161	39.29	89	93	0.0278	51.99
91	12	0.0037	25.90	90	52	0.0158	38.95	89	92	0.0275	51.65
91	11	0.0034	25.56	90	51	0.0154	38.61	89	91	0.0272	51.30
90	100	0.0310	55.77	90	50	0.0151	38.27	89	90	0.0269	50.96
90	99	0.0307	55.41	90	49	0.0148	37.93	89	89	0.0266	50.62
90	98	0.0304	55.05	90	48	0.0145	37.59	89	88	0.0263	50.27
90	97	0.0301	54.69	90	47	0.0142	37.25	89	87	0.0260	49.93
90	96	0.0297	54.34	90	46	0.0139	36.91	89	86	0.0256	49.59
90	95	0.0294	53.98	90	45	0.0136	36.57	89	85	0.0253	49.25
90	94	0.0291	53.62	90	44	0.0133	36.23	89	84	0.0250	48.91
90	93	0.0288	53.27	90	43	0.0130	35.89	89	83	0.0247	48.57

T_{db}	ϕ	ω	h	T_{db}	ϕ	ω	h	T_{db}	ϕ	ω	h
89	82	0.0244	48.23	89	32	0.0093	31.60	88	72	0.0206	43.83
89	81	0.0241	47.88	89	31	0.0090	31.27	88	71	0.0203	43.51
89	80	0.0238	47.54	89	30	0.0087	30.95	88	70	0.0201	43.18
89	79	0.0235	47.21	89	29	0.0084	30.63	88	69	0.0198	42.86
89	78	0.0232	46.87	89	28	0.0081	30.30	88	68	0.0195	42.53
89	77	0.0229	46.53	89	27	0.0078	29.98	88	67	0.0192	42.21
89	76	0.0226	46.19	89	26	0.0075	29.66	88	66	0.0189	41.88
89	75	0.0223	45.85	89	25	0.0072	29.33	88	65	0.0186	41.56
89	74	0.0219	45.51	89	24	0.0070	29.01	88	64	0.0183	41.24
89	73	0.0216	45.17	89	23	0.0067	28.69	88	63	0.0180	40.91
89	72	0.0213	44.84	89	22	0.0064	28.37	88	62	0.0177	40.59
89	71	0.0210	44.50	89	21	0.0061	28.04	88	61	0.0174	40.27
89	70	0.0207	44.16	89	20	0.0058	27.72	88	60	0.0171	39.94
89	69	0.0204	43.83	89	19	0.0055	27.40	88	59	0.0168	39.62
89	68	0.0201	43.49	89	18	0.0052	27.08	88	58	0.0165	39.30
89	67	0.0198	43.15	89	17	0.0049	26.76	88	57	0.0162	38.98
89	66	0.0195	42.82	89	16	0.0046	26.44	88	56	0.0159	38.66
89	65	0.0192	42.48	89	15	0.0043	26.12	88	55	0.0156	38.34
89	64	0.0189	42.15	89	14	0.0040	25.80	88	54	0.0154	38.02
89	63	0.0186	41.81	89	13	0.0037	25.48	88	53	0.0151	37.69
89	62	0.0183	41.48	89	12	0.0035	25.16	88	52	0.0148	37.37
89	61	0.0180	41.15	89	11	0.0032	24.85	88	51	0.0145	37.05
89	60	0.0177	40.81	88	100	0.0290	53.08	88	50	0.0142	36.74
89	59	0.0174	40.48	88	99	0.0287	52.75	88	49	0.0139	36.42
89	58	0.0171	40.15	88	98	0.0284	52.41	88	48	0.0136	36.10
89	57	0.0168	39.81	88	97	0.0281	52.08	88	47	0.0133	35.78
89	56	0.0165	39.48	88	96	0.0278	51.74	88	46	0.0130	35.46
89	55	0.0162	39.15	88	95	0.0275	51.41	88	45	0.0127	35.14
89	54	0.0159	38.82	88	94	0.0272	51.08	88	44	0.0125	34.82
89	53	0.0156	38.49	88	93	0.0269	50.75	88	43	0.0122	34.51
89	52	0.0153	38.16	88	92	0.0266	50.41	88	42	0.0119	34.19
89	51	0.0150	37.82	88	91	0.0263	50.08	88	41	0.0116	33.87
89	50	0.0147	37.49	88	90	0.0260	49.75	88	40	0.0113	33.56
89	49	0.0144	37.16	88	89	0.0257	49.42	88	39	0.0110	33.24
89	48	0.0141	36.83	88	88	0.0254	49.09	88	38	0.0107	32.92
89	47	0.0138	36.50	88	87	0.0251	48.76	88	37	0.0104	32.61
89	46	0.0135	36.18	88	86	0.0248	48.43	88	36	0.0102	32.29
89	45	0.0132	35.85	88	85	0.0245	48.10	88	35	0.0099	31.98
89	44	0.0129	35.52	88	84	0.0242	47.77	88	34	0.0096	31.66
89	43	0.0126	35.19	88	83	0.0239	47.44	88	33	0.0093	31.35
89	42	0.0123	34.86	88	82	0.0236	47.11	88	32	0.0090	31.03
89	41	0.0120	34.53	88	81	0.0233	46.78	88	31	0.0087	30.72
89	40	0.0117	34.21	88	80	0.0230	46.45	88	30	0.0084	30.40
89	39	0.0114	33.88	88	79	0.0227	46.12	88	29	0.0082	30.09
89	38	0.0111	33.55	88	78	0.0224	45.79	88	28	0.0079	29.78
89	37	0.0108	33.23	88	77	0.0221	45.47	88	27	0.0076	29.46
89	36	0.0105	32.90	88	76	0.0218	45.14	88	26	0.0073	29.15
89	35	0.0102	32.57	88	75	0.0215	44.81	88	25	0.0070	28.84
89	34	0.0099	32.25	88	74	0.0212	44.49	88	24	0.0067	28.53
89	33	0.0096	31.92	88	73	0.0209	44.16	88	23	0.0064	28.22

T_{db}	ϕ	ω	h	T_{db}	ϕ	ω	h	T_{db}	ϕ	ω	h
88	22	0.0062	27.90	87	62	0.0171	39.72	87	12	0.0032	24.45
88	21	0.0059	27.59	87	61	0.0168	39.41	87	11	0.0030	24.15
88	20	0.0056	27.28	87	60	0.0166	39.09	86	100	0.0272	50.52
88	19	0.0053	26.97	87	59	0.0163	38.78	86	99	0.0269	50.21
88	18	0.0050	26.66	87	58	0.0160	38.47	86	98	0.0266	49.90
88	17	0.0048	26.35	87	57	0.0157	38.16	86	97	0.0263	49.59
88	16	0.0045	26.04	87	56	0.0154	37.85	86	96	0.0261	49.28
88	15	0.0042	25.73	87	55	0.0151	37.54	86	95	0.0258	48.97
88	14	0.0039	25.42	87	54	0.0149	37.23	86	94	0.0255	48.66
88	13	0.0036	25.11	87	53	0.0146	36.92	86	93	0.0252	48.35
88	12	0.0033	24.80	87	52	0.0143	36.61	86	92	0.0249	48.04
88	11	0.0031	24.50	87	51	0.0140	36.30	86	91	0.0246	47.73
87	100	0.0281	51.78	87	50	0.0137	35.99	86	90	0.0244	47.42
87	99	0.0278	51.46	87	49	0.0135	35.68	86	89	0.0241	47.11
87	98	0.0275	51.14	87	48	0.0132	35.37	86	88	0.0238	46.80
87	97	0.0272	50.82	87	47	0.0129	35.07	86	87	0.0235	46.49
87	96	0.0269	50.50	87	46	0.0126	34.76	86	86	0.0232	46.18
87	95	0.0266	50.17	87	45	0.0123	34.45	86	85	0.0230	45.87
87	94	0.0263	49.85	87	44	0.0121	34.14	86	84	0.0227	45.57
87	93	0.0261	49.53	87	43	0.0118	33.84	86	83	0.0224	45.26
87	92	0.0258	49.21	87	42	0.0115	33.53	86	82	0.0221	44.95
87	91	0.0255	48.89	87	41	0.0112	33.22	86	81	0.0218	44.65
87	90	0.0252	48.57	87	40	0.0109	32.92	86	80	0.0216	44.34
87	89	0.0249	48.25	87	39	0.0107	32.61	86	79	0.0213	44.03
87	88	0.0246	47.93	87	38	0.0104	32.30	86	78	0.0210	43.73
87	87	0.0243	47.61	87	37	0.0101	32.00	86	77	0.0207	43.42
87	86	0.0240	47.29	87	36	0.0098	31.69	86	76	0.0204	43.11
87	85	0.0237	46.97	87	35	0.0096	31.39	86	75	0.0202	42.81
87	84	0.0234	46.65	87	34	0.0093	31.08	86	74	0.0199	42.50
87	83	0.0231	46.34	87	33	0.0090	30.78	86	73	0.0196	42.20
87	82	0.0229	46.02	87	32	0.0087	30.47	86	72	0.0193	41.90
87	81	0.0226	45.70	87	31	0.0084	30.17	86	71	0.0191	41.59
87	80	0.0223	45.38	87	30	0.0082	29.87	86	70	0.0188	41.29
87	79	0.0220	45.07	87	29	0.0079	29.56	86	69	0.0185	40.98
87	78	0.0217	44.75	87	28	0.0076	29.26	86	68	0.0182	40.68
87	77	0.0214	44.43	87	27	0.0073	28.96	86	67	0.0180	40.38
87	76	0.0211	44.12	87	26	0.0071	28.66	86	66	0.0177	40.07
87	75	0.0208	43.80	87	25	0.0068	28.35	86	65	0.0174	39.77
87	74	0.0206	43.48	87	24	0.0065	28.05	86	64	0.0171	39.47
87	73	0.0203	43.17	87	23	0.0062	27.75	86	63	0.0169	39.17
87	72	0.0200	42.85	87	22	0.0060	27.45	86	62	0.0166	38.86
87	71	0.0197	42.54	87	21	0.0057	27.15	86	61	0.0163	38.56
87	70	0.0194	42.22	87	20	0.0054	26.85	86	60	0.0160	38.26
87	69	0.0191	41.91	87	19	0.0052	26.54	86	59	0.0158	37.96
87	68	0.0188	41.60	87	18	0.0049	26.24	86	58	0.0155	37.66
87	67	0.0186	41.28	87	17	0.0046	25.94	86	57	0.0152	37.36
87	66	0.0183	40.97	87	16	0.0043	25.64	86	56	0.0149	37.06
87	65	0.0180	40.66	87	15	0.0041	25.34	86	55	0.0147	36.76
87	64	0.0177	40.34	87	14	0.0038	25.04	86	54	0.0144	36.46
87	63	0.0174	40.03	87	13	0.0035	24.75	86	53	0.0141	36.16

T_{db}	ϕ	ω	h	T_{db}	ϕ	ω	h	T_{db}	ϕ	ω	h
86	52	0.0138	35.86	85	92	0.0241	46.89	85	42	0.0108	32.24
86	51	0.0136	35.56	85	91	0.0238	46.59	85	41	0.0105	31.96
86	50	0.0133	35.26	85	90	0.0236	46.29	85	40	0.0103	31.67
86	49	0.0130	34.96	85	89	0.0233	45.99	85	39	0.0100	31.38
86	48	0.0128	34.66	85	88	0.0230	45.70	85	38	0.0097	31.10
86	47	0.0125	34.37	85	87	0.0227	45.40	85	37	0.0095	30.81
86	46	0.0122	34.07	85	86	0.0225	45.10	85	36	0.0092	30.53
86	45	0.0119	33.77	85	85	0.0222	44.80	85	35	0.0090	30.24
86	44	0.0117	33.47	85	84	0.0219	44.51	85	34	0.0087	29.96
86	43	0.0114	33.18	85	83	0.0217	44.21	85	33	0.0084	29.67
86	42	0.0111	32.88	85	82	0.0214	43.91	85	32	0.0082	29.39
86	41	0.0109	32.58	85	81	0.0211	43.62	85	31	0.0079	29.10
86	40	0.0106	32.29	85	80	0.0209	43.32	85	30	0.0077	28.82
86	39	0.0103	31.99	85	79	0.0206	43.02	85	29	0.0074	28.53
86	38	0.0101	31.70	85	78	0.0203	42.73	85	28	0.0071	28.25
86	37	0.0098	31.40	85	77	0.0201	42.43	85	27	0.0069	27.97
86	36	0.0095	31.10	85	76	0.0198	42.14	85	26	0.0066	27.68
86	35	0.0093	30.81	85	75	0.0195	41.84	85	25	0.0064	27.40
86	34	0.0090	30.52	85	74	0.0192	41.55	85	24	0.0061	27.12
86	33	0.0087	30.22	85	73	0.0190	41.25	85	23	0.0059	26.84
86	32	0.0084	29.93	85	72	0.0187	40.96	85	22	0.0056	26.55
86	31	0.0082	29.63	85	71	0.0184	40.66	85	21	0.0053	26.27
86	30	0.0079	29.34	85	70	0.0182	40.37	85	20	0.0051	25.99
86	29	0.0076	29.05	85	69	0.0179	40.08	85	19	0.0048	25.71
86	28	0.0074	28.75	85	68	0.0176	39.78	85	18	0.0046	25.43
86	27	0.0071	28.46	85	67	0.0174	39.49	85	17	0.0043	25.15
86	26	0.0068	28.17	85	66	0.0171	39.20	85	16	0.0041	24.86
86	25	0.0066	27.87	85	65	0.0168	38.91	85	15	0.0038	24.58
86	24	0.0063	27.58	85	64	0.0166	38.61	85	14	0.0036	24.30
86	23	0.0060	27.29	85	63	0.0163	38.32	85	13	0.0033	24.02
86	22	0.0058	27.00	85	62	0.0160	38.03	85	12	0.0030	23.74
86	21	0.0055	26.71	85	61	0.0158	37.74	85	11	0.0028	23.46
86	20	0.0053	26.41	85	60	0.0155	37.45	84	100	0.0254	48.09
86	19	0.0050	26.12	85	59	0.0152	37.16	84	99	0.0252	47.80
86	18	0.0047	25.83	85	58	0.0150	36.86	84	98	0.0249	47.51
86	17	0.0045	25.54	85	57	0.0147	36.57	84	97	0.0246	47.22
86	16	0.0042	25.25	85	56	0.0145	36.28	84	96	0.0244	46.93
86	15	0.0039	24.96	85	55	0.0142	35.99	84	95	0.0241	46.64
86	14	0.0037	24.67	85	54	0.0139	35.70	84	94	0.0238	46.35
86	13	0.0034	24.38	85	53	0.0137	35.41	84	93	0.0236	46.06
86	12	0.0031	24.09	85	52	0.0134	35.12	84	92	0.0233	45.77
86	11	0.0029	23.80	85	51	0.0131	34.84	84	91	0.0231	45.48
85	100	0.0263	49.29	85	50	0.0129	34.55	84	90	0.0228	45.19
85	99	0.0260	48.99	85	49	0.0126	34.26	84	89	0.0225	44.91
85	98	0.0257	48.69	85	48	0.0123	33.97	84	88	0.0223	44.62
85	97	0.0255	48.39	85	47	0.0121	33.68	84	87	0.0220	44.33
85	96	0.0252	48.09	85	46	0.0118	33.39	84	86	0.0217	44.04
85	95	0.0249	47.79	85	45	0.0116	33.11	84	85	0.0215	43.76
85	94	0.0247	47.49	85	44	0.0113	32.82	84	84	0.0212	43.47
85	93	0.0244	47.19	85	43	0.0110	32.53	84	83	0.0210	43.18

T_{db}	ϕ	ω	h	T_{db}	ϕ	ω	h	T_{db}	ϕ	ω	h
84	82	0.0207	42.90	84	32	0.0079	28.86	83	54	0.0130	34.24
84	81	0.0204	42.61	84	31	0.0077	28.58	83	52	0.0125	33.70
84	80	0.0202	42.32	84	30	0.0074	28.31	83	50	0.0121	33.16
84	79	0.0199	42.04	84	29	0.0072	28.03	83	48	0.0116	32.62
84	78	0.0197	41.75	84	27	0.0067	27.48	83	46	0.0111	32.08
84	77	0.0194	41.47	84	25	0.0062	26.93	83	44	0.0106	31.54
84	76	0.0191	41.18	84	23	0.0057	26.39	83	42	0.0101	31.01
84	75	0.0189	40.90	84	21	0.0052	25.84	83	40	0.0096	30.47
84	74	0.0186	40.61	84	19	0.0047	25.30	83	38	0.0091	29.93
84	73	0.0184	40.33	84	17	0.0042	24.75	83	36	0.0086	29.40
84	72	0.0181	40.04	84	15	0.0037	24.21	83	34	0.0081	28.87
84	71	0.0178	39.76	84	13	0.0032	23.67	83	32	0.0077	28.33
84	70	0.0176	39.47	84	11	0.0027	23.12	83	30	0.0072	27.80
84	69	0.0173	39.19	83	100	0.0246	46.92	83	28	0.0067	27.27
84	68	0.0171	38.91	83	99	0.0243	46.64	83	26	0.0062	26.74
84	67	0.0168	38.62	83	98	0.0241	46.36	83	24	0.0057	26.21
84	66	0.0166	38.34	83	97	0.0238	46.08	83	22	0.0052	25.68
84	65	0.0163	38.06	83	96	0.0236	45.80	83	20	0.0048	25.15
84	64	0.0160	37.78	83	95	0.0233	45.52	83	18	0.0043	24.63
84	63	0.0158	37.49	83	94	0.0231	45.24	83	16	0.0038	24.10
84	62	0.0155	37.21	83	93	0.0228	44.96	83	14	0.0033	23.58
84	61	0.0153	36.93	83	92	0.0226	44.68	83	12	0.0029	23.05
84	60	0.0150	36.65	83	91	0.0223	44.40	82	100	0.0238	45.78
84	59	0.0148	36.37	83	90	0.0220	44.12	82	98	0.0233	45.23
84	58	0.0145	36.09	83	89	0.0218	43.84	82	96	0.0228	44.69
84	57	0.0142	35.81	83	88	0.0215	43.57	82	94	0.0223	44.15
84	56	0.0140	35.52	83	87	0.0213	43.29	82	92	0.0218	43.61
84	55	0.0137	35.24	83	86	0.0210	43.01	82	90	0.0213	43.08
84	54	0.0135	34.96	83	85	0.0208	42.73	82	88	0.0208	42.54
84	53	0.0132	34.68	83	84	0.0205	42.46	82	86	0.0203	42.00
84	52	0.0130	34.40	83	83	0.0203	42.18	82	84	0.0199	41.47
84	51	0.0127	34.12	83	82	0.0200	41.90	82	82	0.0194	40.93
84	50	0.0125	33.85	83	81	0.0198	41.63	82	80	0.0189	40.40
84	49	0.0122	33.57	83	80	0.0195	41.35	82	78	0.0184	39.86
84	48	0.0120	33.29	83	79	0.0193	41.07	82	76	0.0179	39.33
84	47	0.0117	33.01	83	78	0.0190	40.80	82	74	0.0174	38.80
84	46	0.0114	32.73	83	77	0.0188	40.52	82	72	0.0169	38.27
84	45	0.0112	32.45	83	76	0.0185	40.25	82	70	0.0165	37.74
84	44	0.0109	32.17	83	75	0.0183	39.97	82	68	0.0160	37.21
84	43	0.0107	31.90	83	74	0.0180	39.70	82	66	0.0155	36.68
84	42	0.0104	31.62	83	73	0.0178	39.42	82	64	0.0150	36.15
84	41	0.0102	31.34	83	72	0.0175	39.15	82	62	0.0145	35.63
84	40	0.0099	31.06	83	70	0.0170	38.60	82	60	0.0141	35.10
84	39	0.0097	30.79	83	68	0.0165	38.05	82	58	0.0136	34.58
84	38	0.0094	30.51	83	66	0.0160	37.50	82	56	0.0131	34.05
84	37	0.0092	30.23	83	64	0.0155	36.96	82	54	0.0126	33.53
84	36	0.0089	29.96	83	62	0.0150	36.41	82	52	0.0121	33.01
84	35	0.0087	29.68	83	60	0.0145	35.87	82	50	0.0117	32.48
84	34	0.0084	29.41	83	58	0.0140	35.32	82	48	0.0112	31.96
84	33	0.0082	29.13	83	56	0.0135	34.78	82	46	0.0107	31.44

T_{db}	ϕ	ω	h	T_{db}	ϕ	ω	h	T_{db}	ϕ	ω	h
82	44	0.0102	30.92	81	34	0.0076	27.81	80	24	0.0052	24.89
82	42	0.0098	30.40	81	32	0.0072	27.31	80	22	0.0048	24.42
82	40	0.0093	29.88	81	30	0.0067	26.82	80	20	0.0043	23.94
82	38	0.0088	29.37	81	28	0.0063	26.32	80	18	0.0039	23.46
82	36	0.0084	28.85	81	26	0.0058	25.82	80	16	0.0035	22.99
82	34	0.0079	28.33	81	24	0.0054	25.33	80	14	0.0030	22.51
82	32	0.0074	27.82	81	22	0.0049	24.83	80	12	0.0026	22.04
82	30	0.0069	27.30	81	20	0.0045	24.34	79	100	0.0215	42.51
82	28	0.0065	26.79	81	18	0.0040	23.85	79	98	0.0210	42.02
82	26	0.0060	26.28	81	16	0.0036	23.35	79	96	0.0206	41.54
82	24	0.0055	25.77	81	14	0.0031	22.86	79	94	0.0202	41.05
82	22	0.0051	25.25	81	12	0.0027	22.37	79	92	0.0197	40.57
82	20	0.0046	24.74	80	100	0.0222	43.57	79	90	0.0193	40.08
82	18	0.0041	24.23	80	98	0.0218	43.07	79	88	0.0188	39.60
82	16	0.0037	23.73	80	96	0.0213	42.56	79	86	0.0184	39.11
82	14	0.0032	23.22	80	94	0.0208	42.06	79	84	0.0179	38.63
82	12	0.0028	22.71	80	92	0.0204	41.56	79	82	0.0175	38.15
81	100	0.0230	44.66	80	90	0.0199	41.06	79	80	0.0171	37.67
81	98	0.0225	44.14	80	88	0.0195	40.56	79	78	0.0166	37.19
81	96	0.0220	43.62	80	86	0.0190	40.06	79	76	0.0162	36.71
81	94	0.0216	43.09	80	84	0.0186	39.56	79	74	0.0158	36.23
81	92	0.0211	42.57	80	82	0.0181	39.06	79	72	0.0153	35.75
81	90	0.0206	42.05	80	80	0.0177	38.56	79	70	0.0149	35.28
81	88	0.0201	41.54	80	78	0.0172	38.06	79	68	0.0144	34.80
81	86	0.0197	41.02	80	76	0.0167	37.56	79	66	0.0140	34.32
81	84	0.0192	40.50	80	74	0.0163	37.07	79	64	0.0136	33.85
81	82	0.0187	39.98	80	72	0.0158	36.57	79	62	0.0131	33.37
81	80	0.0183	39.47	80	70	0.0154	36.08	79	60	0.0127	32.90
81	78	0.0178	38.95	80	68	0.0149	35.59	79	58	0.0123	32.42
81	76	0.0173	38.44	80	66	0.0145	35.09	79	56	0.0119	31.95
81	74	0.0168	37.93	80	64	0.0140	34.60	79	54	0.0114	31.48
81	72	0.0164	37.41	80	62	0.0136	34.11	79	52	0.0110	31.01
81	70	0.0159	36.90	80	60	0.0131	33.62	79	50	0.0106	30.53
81	68	0.0154	36.39	80	58	0.0127	33.13	79	48	0.0101	30.06
81	66	0.0150	35.88	80	56	0.0123	32.64	79	46	0.0097	29.59
81	64	0.0145	35.37	80	54	0.0118	32.15	79	44	0.0093	29.12
81	62	0.0141	34.86	80	52	0.0114	31.66	79	42	0.0088	28.66
81	60	0.0136	34.35	80	50	0.0109	31.17	79	40	0.0084	28.19
81	58	0.0131	33.84	80	48	0.0105	30.68	79	38	0.0080	27.72
81	56	0.0127	33.34	80	46	0.0100	30.20	79	36	0.0076	27.25
81	54	0.0122	32.83	80	44	0.0096	29.71	79	34	0.0071	26.79
81	52	0.0117	32.33	80	42	0.0091	29.23	79	32	0.0067	26.32
81	50	0.0113	31.82	80	40	0.0087	28.74	79	30	0.0063	25.86
81	48	0.0108	31.32	80	38	0.0083	28.26	79	28	0.0059	25.39
81	46	0.0104	30.81	80	36	0.0078	27.78	79	26	0.0054	24.93
81	44	0.0099	30.31	80	34	0.0074	27.30	79	24	0.0050	24.47
81	42	0.0095	29.81	80	32	0.0069	26.81	79	22	0.0046	24.00
81	40	0.0090	29.31	80	30	0.0065	26.33	79	20	0.0042	23.54
81	38	0.0085	28.81	80	28	0.0061	25.85	79	18	0.0038	23.08
81	36	0.0081	28.31	80	26	0.0056	25.37	79	16	0.0033	22.62

T_{db}	ϕ	ω	h	T_{db}	ϕ	ω	h	T_{db}	ϕ	ω	h
79	14	0.0029	22.16	77	94	0.0188	39.10	76	84	0.0162	35.99
79	12	0.0025	21.70	77	92	0.0184	38.65	76	82	0.0158	35.55
78	100	0.0208	41.47	77	90	0.0180	38.20	76	80	0.0154	35.12
78	98	0.0203	41.00	77	88	0.0176	37.75	76	78	0.0150	34.69
78	96	0.0199	40.53	77	86	0.0172	37.30	76	76	0.0146	34.26
78	94	0.0195	40.06	77	84	0.0168	36.85	76	74	0.0142	33.82
78	92	0.0191	39.60	77	82	0.0164	36.40	76	72	0.0138	33.39
78	90	0.0186	39.13	77	80	0.0160	35.95	76	70	0.0134	32.96
78	88	0.0182	38.66	77	78	0.0155	35.50	76	68	0.0131	32.53
78	86	0.0178	38.20	77	76	0.0151	35.06	76	66	0.0127	32.11
78	84	0.0173	37.73	77	74	0.0147	34.61	76	64	0.0123	31.68
78	82	0.0169	37.27	77	72	0.0143	34.16	76	62	0.0119	31.25
78	80	0.0165	36.80	77	70	0.0139	33.72	76	60	0.0115	30.82
78	78	0.0161	36.34	77	68	0.0135	33.27	76	58	0.0111	30.39
78	76	0.0157	35.87	77	66	0.0131	32.83	76	56	0.0107	29.97
78	74	0.0152	35.41	77	64	0.0127	32.39	76	54	0.0103	29.54
78	72	0.0148	34.95	77	62	0.0123	31.94	76	52	0.0099	29.12
78	70	0.0144	34.49	77	60	0.0119	31.50	76	50	0.0095	28.69
78	68	0.0140	34.03	77	58	0.0115	31.06	76	48	0.0092	28.27
78	66	0.0136	33.57	77	56	0.0111	30.62	76	46	0.0088	27.84
78	64	0.0131	33.11	77	54	0.0107	30.18	76	44	0.0084	27.42
78	62	0.0127	32.65	77	52	0.0103	29.74	76	42	0.0080	27.00
78	60	0.0123	32.19	77	50	0.0099	29.30	76	40	0.0076	26.58
78	58	0.0119	31.73	77	48	0.0095	28.86	76	38	0.0072	26.15
78	56	0.0115	31.28	77	46	0.0091	28.42	76	36	0.0068	25.73
78	54	0.0110	30.82	77	44	0.0087	27.98	76	34	0.0065	25.31
78	52	0.0106	30.36	77	42	0.0083	27.54	76	32	0.0061	24.89
78	50	0.0102	29.91	77	40	0.0079	27.10	76	30	0.0057	24.47
78	48	0.0098	29.45	77	38	0.0075	26.67	76	28	0.0053	24.05
78	46	0.0094	29.00	77	36	0.0071	26.23	76	26	0.0049	23.64
78	44	0.0090	28.55	77	34	0.0067	25.80	76	24	0.0045	23.22
78	42	0.0086	28.09	77	32	0.0063	25.36	76	22	0.0042	22.80
78	40	0.0081	27.64	77	30	0.0059	24.93	76	20	0.0038	22.38
78	38	0.0077	27.19	77	28	0.0055	24.49	76	18	0.0034	21.97
78	36	0.0073	26.74	77	26	0.0051	24.06	76	16	0.0030	21.55
78	34	0.0069	26.29	77	24	0.0047	23.63	76	14	0.0026	21.13
78	32	0.0065	25.84	77	22	0.0043	23.20	76	12	0.0023	20.72
78	30	0.0061	25.39	77	20	0.0039	22.77	75	100	0.0187	38.51
78	28	0.0057	24.94	77	18	0.0035	22.33	75	98	0.0184	38.08
78	26	0.0053	24.49	77	16	0.0031	21.90	75	96	0.0180	37.66
78	24	0.0049	24.05	77	14	0.0027	21.47	75	94	0.0176	37.24
78	22	0.0045	23.60	77	12	0.0023	21.04	75	92	0.0172	36.82
78	20	0.0040	23.15	76	100	0.0194	39.47	75	90	0.0168	36.40
78	18	0.0036	22.71	76	98	0.0190	39.03	75	88	0.0164	35.98
78	16	0.0032	22.26	76	96	0.0186	38.60	75	86	0.0160	35.56
78	14	0.0028	21.82	76	94	0.0182	38.16	75	84	0.0157	35.14
78	12	0.0024	21.37	76	92	0.0178	37.72	75	82	0.0153	34.72
77	100	0.0201	40.46	76	90	0.0174	37.29	75	80	0.0149	34.31
77	98	0.0197	40.01	76	88	0.0170	36.85	75	78	0.0145	33.89
77	96	0.0192	39.55	76	86	0.0166	36.42	75	76	0.0141	33.47

T_{db}	ϕ	ω	h	T_{db}	ϕ	ω	h	T_{db}	ϕ	ω	h
75	74	0.0138	33.06	74	64	0.0115	30.30	73	54	0.0093	27.71
75	72	0.0134	32.64	74	62	0.0111	29.90	73	52	0.0090	27.33
75	70	0.0130	32.23	74	60	0.0107	29.51	73	50	0.0086	26.95
75	68	0.0126	31.81	74	58	0.0104	29.11	73	48	0.0083	26.57
75	66	0.0122	31.40	74	56	0.0100	28.71	73	46	0.0079	26.18
75	64	0.0119	30.98	74	54	0.0096	28.31	73	44	0.0076	25.80
75	62	0.0115	30.57	74	52	0.0093	27.92	73	42	0.0072	25.42
75	60	0.0111	30.16	74	50	0.0089	27.52	73	40	0.0069	25.04
75	58	0.0107	29.74	74	48	0.0086	27.12	73	38	0.0065	24.66
75	56	0.0104	29.33	74	46	0.0082	26.73	73	36	0.0062	24.28
75	54	0.0100	28.92	74	44	0.0078	26.33	73	34	0.0058	23.90
75	52	0.0096	28.51	74	42	0.0075	25.94	73	32	0.0055	23.52
75	50	0.0092	28.10	74	40	0.0071	25.55	73	30	0.0051	23.15
75	48	0.0089	27.69	74	38	0.0068	25.15	73	28	0.0048	22.77
75	46	0.0085	27.28	74	36	0.0064	24.76	73	26	0.0045	22.39
75	44	0.0081	26.87	74	34	0.0060	24.37	73	24	0.0041	22.01
75	42	0.0077	26.46	74	32	0.0057	23.97	73	22	0.0038	21.64
75	40	0.0074	26.06	74	30	0.0053	23.58	73	20	0.0034	21.26
75	38	0.0070	25.65	74	28	0.0050	23.19	73	18	0.0031	20.88
75	36	0.0066	25.24	74	26	0.0046	22.80	73	16	0.0027	20.51
75	34	0.0062	24.84	74	24	0.0043	22.41	73	14	0.0024	20.13
75	32	0.0059	24.43	74	22	0.0039	22.02	73	12	0.0020	19.76
75	30	0.0055	24.02	74	20	0.0035	21.63	72	100	0.0169	35.74
75	28	0.0051	23.62	74	18	0.0032	21.24	72	98	0.0165	35.36
75	26	0.0048	23.22	74	16	0.0028	20.85	72	96	0.0162	34.99
75	24	0.0044	22.81	74	14	0.0025	20.46	72	94	0.0159	34.61
75	22	0.0040	22.41	74	12	0.0021	20.08	72	92	0.0155	34.23
75	20	0.0037	22.00	73	100	0.0175	36.64	72	90	0.0152	33.85
75	18	0.0033	21.60	73	98	0.0171	36.25	72	88	0.0148	33.47
75	16	0.0029	21.20	73	96	0.0168	35.86	72	86	0.0145	33.10
75	14	0.0026	20.80	73	94	0.0164	35.46	72	84	0.0141	32.72
75	12	0.0022	20.40	73	92	0.0161	35.07	72	82	0.0138	32.35
74	100	0.0181	37.56	73	90	0.0157	34.68	72	80	0.0134	31.97
74	98	0.0177	37.16	73	88	0.0153	34.29	72	78	0.0131	31.60
74	96	0.0174	36.75	73	86	0.0150	33.90	72	76	0.0128	31.22
74	94	0.0170	36.34	73	84	0.0146	33.51	72	74	0.0124	30.85
74	92	0.0166	35.94	73	82	0.0143	33.12	72	72	0.0121	30.47
74	90	0.0162	35.53	73	80	0.0139	32.73	72	70	0.0117	30.10
74	88	0.0159	35.13	73	78	0.0136	32.34	72	68	0.0114	29.73
74	86	0.0155	34.72	73	76	0.0132	31.96	72	66	0.0110	29.35
74	84	0.0151	34.32	73	74	0.0128	31.57	72	64	0.0107	28.98
74	82	0.0148	33.91	73	72	0.0125	31.18	72	62	0.0104	28.61
74	80	0.0144	33.51	73	70	0.0121	30.79	72	60	0.0100	28.24
74	78	0.0140	33.11	73	68	0.0118	30.41	72	58	0.0097	27.87
74	76	0.0137	32.71	73	66	0.0114	30.02	72	56	0.0093	27.50
74	74	0.0133	32.30	73	64	0.0111	29.64	72	54	0.0090	27.13
74	72	0.0129	31.90	73	62	0.0107	29.25	72	52	0.0087	26.76
74	70	0.0126	31.50	73	60	0.0104	28.87	72	50	0.0083	26.39
74	68	0.0122	31.10	73	58	0.0100	28.48	72	48	0.0080	26.02
74	66	0.0118	30.70	73	56	0.0097	28.10	72	46	0.0077	25.65

T_{db}	ϕ	ω	h	T_{db}	ϕ	ω	h	T_{db}	ϕ	ω	h
72	44	0.0073	25.28	71	34	0.0055	23.00	70	24	0.0037	20.85
72	42	0.0070	24.91	71	32	0.0051	22.64	70	22	0.0034	20.51
72	40	0.0066	24.55	71	30	0.0048	22.29	70	20	0.0031	20.17
72	38	0.0063	24.18	71	28	0.0045	21.94	70	18	0.0028	19.83
72	36	0.0060	23.81	71	26	0.0042	21.59	70	16	0.0025	19.50
72	34	0.0056	23.45	71	24	0.0038	21.23	70	14	0.0022	19.16
72	32	0.0053	23.08	71	22	0.0035	20.88	70	12	0.0018	18.82
72	30	0.0050	22.72	71	20	0.0032	20.53	69	100	0.0152	33.17
72	28	0.0046	22.35	71	18	0.0029	20.18	69	98	0.0149	32.83
72	26	0.0043	21.99	71	16	0.0026	19.83	69	96	0.0146	32.49
72	24	0.0040	21.62	71	14	0.0022	19.48	69	94	0.0143	32.15
72	22	0.0036	21.26	71	12	0.0019	19.13	69	92	0.0140	31.81
72	20	0.0033	20.89	70	100	0.0158	34.01	69	90	0.0137	31.47
72	18	0.0030	20.53	70	98	0.0154	33.65	69	88	0.0133	31.13
72	16	0.0026	20.17	70	96	0.0151	33.30	69	86	0.0130	30.79
72	14	0.0023	19.81	70	94	0.0148	32.95	69	84	0.0127	30.45
72	12	0.0020	19.44	70	92	0.0145	32.60	69	82	0.0124	30.12
71	100	0.0163	34.86	70	90	0.0141	32.25	69	80	0.0121	29.78
71	98	0.0160	34.50	70	88	0.0138	31.89	69	78	0.0118	29.44
71	96	0.0156	34.13	70	86	0.0135	31.54	69	76	0.0115	29.11
71	94	0.0153	33.77	70	84	0.0132	31.19	69	74	0.0112	28.77
71	92	0.0150	33.40	70	82	0.0129	30.84	69	72	0.0109	28.44
71	90	0.0146	33.04	70	80	0.0125	30.49	69	70	0.0106	28.10
71	88	0.0143	32.68	70	78	0.0122	30.15	69	68	0.0103	27.76
71	86	0.0140	32.31	70	76	0.0119	29.80	69	66	0.0100	27.43
71	84	0.0136	31.95	70	74	0.0116	29.45	69	64	0.0097	27.10
71	82	0.0133	31.59	70	72	0.0113	29.10	69	62	0.0093	26.76
71	80	0.0130	31.22	70	70	0.0109	28.75	69	60	0.0090	26.43
71	78	0.0127	30.86	70	68	0.0106	28.41	69	58	0.0087	26.09
71	76	0.0123	30.50	70	66	0.0103	28.06	69	56	0.0084	25.76
71	74	0.0120	30.14	70	64	0.0100	27.71	69	54	0.0081	25.43
71	72	0.0117	29.78	70	62	0.0097	27.37	69	52	0.0078	25.09
71	70	0.0113	29.42	70	60	0.0094	27.02	69	50	0.0075	24.76
71	68	0.0110	29.06	70	58	0.0090	26.67	69	48	0.0072	24.43
71	66	0.0107	28.70	70	56	0.0087	26.33	69	46	0.0069	24.10
71	64	0.0103	28.34	70	54	0.0084	25.98	69	44	0.0066	23.77
71	62	0.0100	27.98	70	52	0.0081	25.64	69	42	0.0063	23.44
71	60	0.0097	27.62	70	50	0.0078	25.30	69	40	0.0060	23.11
71	58	0.0094	27.27	70	48	0.0075	24.95	69	38	0.0057	22.78
71	56	0.0090	26.91	70	46	0.0071	24.61	69	36	0.0054	22.45
71	54	0.0087	26.55	70	44	0.0068	24.26	69	34	0.0051	22.12
71	52	0.0084	26.19	70	42	0.0065	23.92	69	32	0.0048	21.79
71	50	0.0081	25.84	70	40	0.0062	23.58	69	30	0.0045	21.46
71	48	0.0077	25.48	70	38	0.0059	23.24	69	28	0.0042	21.13
71	46	0.0074	25.12	70	36	0.0056	22.90	69	26	0.0039	20.80
71	44	0.0071	24.77	70	34	0.0053	22.55	69	24	0.0036	20.47
71	42	0.0067	24.41	70	32	0.0050	22.21	69	22	0.0033	20.14
71	40	0.0064	24.06	70	30	0.0046	21.87	69	20	0.0030	19.82
71	38	0.0061	23.70	70	28	0.0043	21.53	69	18	0.0027	19.49
71	36	0.0058	23.35	70	26	0.0040	21.19	69	16	0.0024	19.16

T_{db}	ϕ	ω	h	T_{db}	ϕ	ω	h	T_{db}	ϕ	ω	h
69	14	0.0021	18.84	67	94	0.0133	30.60	66	84	0.0115	28.33
69	12	0.0018	18.51	67	92	0.0130	30.28	66	82	0.0112	28.03
68	100	0.0147	32.35	67	90	0.0127	29.97	66	80	0.0109	27.72
68	98	0.0144	32.02	67	88	0.0124	29.65	66	78	0.0106	27.42
68	96	0.0141	31.69	67	86	0.0122	29.34	66	76	0.0103	27.12
68	94	0.0138	31.36	67	84	0.0119	29.02	66	74	0.0101	26.82
68	92	0.0135	31.04	67	82	0.0116	28.71	66	72	0.0098	26.52
68	90	0.0132	30.71	67	80	0.0113	28.39	66	70	0.0095	26.22
68	88	0.0129	30.38	67	78	0.0110	28.08	66	68	0.0092	25.91
68	86	0.0126	30.06	67	76	0.0107	27.77	66	66	0.0090	25.61
68	84	0.0123	29.73	67	74	0.0104	27.46	66	64	0.0087	25.31
68	82	0.0120	29.41	67	72	0.0101	27.14	66	62	0.0084	25.01
68	80	0.0117	29.08	67	70	0.0099	26.83	66	60	0.0081	24.71
68	78	0.0114	28.76	67	68	0.0096	26.52	66	58	0.0079	24.41
68	76	0.0111	28.43	67	66	0.0093	26.21	66	56	0.0076	24.11
68	74	0.0108	28.11	67	64	0.0090	25.90	66	54	0.0073	23.82
68	72	0.0105	27.78	67	62	0.0087	25.59	66	52	0.0070	23.52
68	70	0.0102	27.46	67	60	0.0084	25.27	66	50	0.0068	23.22
68	68	0.0099	27.14	67	58	0.0081	24.96	66	48	0.0065	22.92
68	66	0.0096	26.81	67	56	0.0079	24.65	66	46	0.0062	22.62
68	64	0.0093	26.49	67	54	0.0076	24.34	66	44	0.0059	22.32
68	62	0.0090	26.17	67	52	0.0073	24.03	66	42	0.0057	22.03
68	60	0.0087	25.85	67	50	0.0070	23.72	66	40	0.0054	21.73
68	58	0.0084	25.52	67	48	0.0067	23.42	66	38	0.0051	21.43
68	56	0.0081	25.20	67	46	0.0064	23.11	66	36	0.0049	21.14
68	54	0.0078	24.88	67	44	0.0062	22.80	66	34	0.0046	20.84
68	52	0.0076	24.56	67	42	0.0059	22.49	66	32	0.0043	20.54
68	50	0.0073	24.24	67	40	0.0056	22.18	66	30	0.0040	20.25
68	48	0.0070	23.92	67	38	0.0053	21.87	66	28	0.0038	19.95
68	46	0.0067	23.60	67	36	0.0050	21.57	66	26	0.0035	19.66
68	44	0.0064	23.28	67	34	0.0047	21.26	66	24	0.0032	19.36
68	42	0.0061	22.96	67	32	0.0045	20.95	66	22	0.0030	19.07
68	40	0.0058	22.64	67	30	0.0042	20.65	66	20	0.0027	18.77
68	38	0.0055	22.32	67	28	0.0039	20.34	66	18	0.0024	18.48
68	36	0.0052	22.00	67	26	0.0036	20.03	66	16	0.0021	18.18
68	34	0.0049	21.69	67	24	0.0033	19.73	66	14	0.0019	17.89
68	32	0.0046	21.37	67	22	0.0031	19.42	66	12	0.0016	17.60
68	30	0.0043	21.05	67	20	0.0028	19.12	65	100	0.0132	29.99
68	28	0.0040	20.73	67	18	0.0025	18.81	65	98	0.0129	29.70
68	26	0.0038	20.42	67	16	0.0022	18.51	65	96	0.0127	29.41
68	24	0.0035	20.10	67	14	0.0019	18.20	65	94	0.0124	29.11
68	22	0.0032	19.78	67	12	0.0017	17.90	65	92	0.0121	28.82
68	20	0.0029	19.47	66	100	0.0137	30.76	65	90	0.0119	28.53
68	18	0.0026	19.15	66	98	0.0134	30.45	65	88	0.0116	28.23
68	16	0.0023	18.83	66	96	0.0131	30.15	65	86	0.0113	27.94
68	14	0.0020	18.52	66	94	0.0128	29.85	65	84	0.0111	27.65
68	12	0.0017	18.20	66	92	0.0126	29.54	65	82	0.0108	27.36
67	100	0.0142	31.54	66	90	0.0123	29.24	65	80	0.0105	27.07
67	98	0.0139	31.23	66	88	0.0120	28.93	65	78	0.0103	26.77
67	96	0.0136	30.91	66	86	0.0117	28.63	65	76	0.0100	26.48

T_{db}	ϕ	ω	h	T_{db}	ϕ	ω	h	T_{db}	ϕ	ω	h
65	74	0.0097	26.19	64	64	0.0081	24.18	63	35	0.0042	19.75
65	72	0.0095	25.90	64	62	0.0078	23.90	63	32	0.0039	19.35
65	70	0.0092	25.61	64	60	0.0076	23.62	63	29	0.0035	18.95
65	68	0.0089	25.32	64	58	0.0073	23.34	63	26	0.0032	18.55
65	66	0.0087	25.03	64	56	0.0071	23.07	63	23	0.0028	18.15
65	64	0.0084	24.74	64	54	0.0068	22.79	63	20	0.0024	17.76
65	62	0.0081	24.45	64	52	0.0066	22.51	63	17	0.0021	17.36
65	60	0.0079	24.16	64	50	0.0063	22.23	63	14	0.0017	16.96
65	58	0.0076	23.87	64	48	0.0061	21.95	63	11	0.0013	16.57
65	56	0.0073	23.59	64	46	0.0058	21.68	62	100	0.0119	27.79
65	54	0.0071	23.30	64	44	0.0055	21.40	62	97	0.0115	27.40
65	52	0.0068	23.01	64	42	0.0053	21.12	62	94	0.0111	27.00
65	50	0.0065	22.72	64	40	0.0050	20.85	62	91	0.0108	26.61
65	48	0.0063	22.43	64	38	0.0048	20.57	62	88	0.0104	26.22
65	46	0.0060	22.15	64	36	0.0045	20.29	62	85	0.0101	25.82
65	44	0.0057	21.86	64	34	0.0043	20.02	62	82	0.0097	25.43
65	42	0.0055	21.57	64	32	0.0040	19.74	62	79	0.0093	25.04
65	40	0.0052	21.28	64	30	0.0038	19.47	62	76	0.0090	24.65
65	38	0.0050	21.00	64	28	0.0035	19.19	62	73	0.0086	24.26
65	36	0.0047	20.71	64	26	0.0033	18.92	62	70	0.0083	23.87
65	34	0.0044	20.43	64	24	0.0030	18.64	62	67	0.0079	23.48
65	32	0.0042	20.14	64	22	0.0028	18.37	62	64	0.0075	23.09
65	30	0.0039	19.85	64	20	0.0025	18.09	62	61	0.0072	22.70
65	28	0.0036	19.57	64	18	0.0023	17.82	62	58	0.0068	22.31
65	26	0.0034	19.28	64	16	0.0020	17.54	62	55	0.0065	21.92
65	24	0.0031	19.00	64	14	0.0018	17.27	62	52	0.0061	21.53
65	22	0.0029	18.71	64	12	0.0015	17.00	62	49	0.0058	21.15
65	20	0.0026	18.43	63	100	0.0123	28.51	62	46	0.0054	20.76
65	18	0.0023	18.15	63	98	0.0120	28.24	62	43	0.0050	20.37
65	16	0.0021	17.86	63	96	0.0118	27.96	62	40	0.0047	19.99
65	14	0.0018	17.58	63	94	0.0115	27.69	62	37	0.0043	19.60
65	12	0.0016	17.30	63	92	0.0113	27.42	62	34	0.0040	19.22
64	100	0.0127	29.24	63	89	0.0109	27.01	62	31	0.0036	18.83
64	98	0.0125	28.96	63	86	0.0105	26.60	62	28	0.0033	18.45
64	96	0.0122	28.68	63	83	0.0102	26.20	62	25	0.0029	18.06
64	94	0.0120	28.39	63	80	0.0098	25.79	62	22	0.0026	17.68
64	92	0.0117	28.11	63	77	0.0094	25.38	62	19	0.0022	17.30
64	90	0.0114	27.83	63	74	0.0091	24.98	62	16	0.0019	16.91
64	88	0.0112	27.55	63	71	0.0087	24.57	62	13	0.0015	16.53
64	86	0.0109	27.27	63	68	0.0083	24.17	61	100	0.0114	27.09
64	84	0.0107	26.98	63	65	0.0079	23.76	61	97	0.0111	26.71
64	82	0.0104	26.70	63	62	0.0076	23.36	61	94	0.0107	26.33
64	80	0.0102	26.42	63	59	0.0072	22.96	61	91	0.0104	25.95
64	78	0.0099	26.14	63	56	0.0068	22.55	61	88	0.0100	25.57
64	76	0.0096	25.86	63	53	0.0065	22.15	61	85	0.0097	25.19
64	74	0.0094	25.58	63	50	0.0061	21.75	61	82	0.0094	24.81
64	72	0.0091	25.30	63	47	0.0057	21.35	61	79	0.0090	24.44
64	70	0.0089	25.02	63	44	0.0054	20.95	61	76	0.0087	24.06
64	68	0.0086	24.74	63	41	0.0050	20.55	61	73	0.0083	23.68
64	66	0.0084	24.46	63	38	0.0046	20.15	61	70	0.0080	23.31

T_{db}	ϕ	ω	h	T_{db}	ϕ	ω	h	T_{db}	ϕ	ω	h
61	67	0.0076	22.93	59	97	0.0103	25.38	58	37	0.0038	18.00
61	64	0.0073	22.56	59	94	0.0100	25.02	58	34	0.0035	17.67
61	61	0.0069	22.18	59	91	0.0097	24.67	58	31	0.0031	17.34
61	58	0.0066	21.81	59	88	0.0093	24.32	58	28	0.0028	17.01
61	55	0.0062	21.43	59	85	0.0090	23.97	58	25	0.0025	16.67
61	52	0.0059	21.06	59	82	0.0087	23.62	58	22	0.0022	16.34
61	49	0.0056	20.68	59	79	0.0084	23.27	58	19	0.0019	16.01
61	46	0.0052	20.31	59	76	0.0081	22.92	58	16	0.0016	15.68
61	43	0.0049	19.94	59	73	0.0077	22.57	58	13	0.0013	15.35
61	40	0.0045	19.57	59	70	0.0074	22.22	57	100	0.0099	24.43
61	37	0.0042	19.19	59	67	0.0071	21.87	57	97	0.0096	24.10
61	34	0.0038	18.82	59	64	0.0068	21.52	57	94	0.0093	23.77
61	31	0.0035	18.45	59	61	0.0064	21.17	57	91	0.0090	23.44
61	28	0.0032	18.08	59	58	0.0061	20.82	57	88	0.0087	23.12
61	25	0.0028	17.71	59	55	0.0058	20.47	57	85	0.0084	22.79
61	22	0.0025	17.34	59	52	0.0055	20.13	57	82	0.0081	22.47
61	19	0.0021	16.97	59	49	0.0052	19.78	57	79	0.0078	22.14
61	16	0.0018	16.60	59	46	0.0048	19.43	57	76	0.0075	21.82
61	13	0.0015	16.23	59	43	0.0045	19.09	57	73	0.0072	21.49
60	100	0.0110	26.40	59	40	0.0042	18.74	57	70	0.0069	21.17
60	97	0.0107	26.04	59	37	0.0039	18.39	57	67	0.0066	20.84
60	94	0.0104	25.67	59	34	0.0036	18.05	57	64	0.0063	20.52
60	91	0.0100	25.30	59	31	0.0033	17.70	57	61	0.0060	20.19
60	88	0.0097	24.94	59	28	0.0029	17.36	57	58	0.0057	19.87
60	85	0.0094	24.57	59	25	0.0026	17.02	57	55	0.0054	19.55
60	82	0.0090	24.21	59	22	0.0023	16.67	57	52	0.0051	19.23
60	79	0.0087	23.85	59	19	0.0020	16.33	57	49	0.0048	18.90
60	76	0.0084	23.48	59	16	0.0017	15.98	57	46	0.0045	18.58
60	73	0.0080	23.12	59	13	0.0014	15.64	57	43	0.0042	18.26
60	70	0.0077	22.76	58	100	0.0103	25.07	57	40	0.0039	17.94
60	67	0.0073	22.39	58	97	0.0099	24.73	57	37	0.0036	17.62
60	64	0.0070	22.03	58	94	0.0096	24.39	57	34	0.0033	17.30
60	61	0.0067	21.67	58	91	0.0093	24.05	57	31	0.0030	16.97
60	58	0.0064	21.31	58	88	0.0090	23.71	57	28	0.0027	16.65
60	55	0.0060	20.95	58	85	0.0087	23.37	57	25	0.0024	16.33
60	52	0.0057	20.59	58	82	0.0084	23.04	57	22	0.0021	16.02
60	49	0.0054	20.23	58	79	0.0081	22.70	57	19	0.0019	15.70
60	46	0.0050	19.87	58	76	0.0078	22.36	57	16	0.0016	15.38
60	43	0.0047	19.51	58	73	0.0075	22.02	57	13	0.0013	15.06
60	40	0.0044	19.15	58	70	0.0071	21.69	56	100	0.0095	23.79
60	37	0.0040	18.79	58	67	0.0068	21.35	56	97	0.0092	23.48
60	34	0.0037	18.43	58	64	0.0065	21.01	56	94	0.0090	23.16
60	31	0.0034	18.08	58	61	0.0062	20.68	56	91	0.0087	22.85
60	28	0.0031	17.72	58	58	0.0059	20.34	56	88	0.0084	22.53
60	25	0.0027	17.36	58	55	0.0056	20.01	56	85	0.0081	22.22
60	22	0.0024	17.00	58	52	0.0053	19.67	56	82	0.0078	21.91
60	19	0.0021	16.65	58	49	0.0050	19.34	56	79	0.0075	21.59
60	16	0.0017	16.29	58	46	0.0047	19.00	56	76	0.0072	21.28
60	13	0.0014	15.94	58	43	0.0044	18.67	56	73	0.0069	20.97
59	100	0.0106	25.73	58	40	0.0041	18.34	56	70	0.0066	20.65

T_{db}	ϕ	ω	h	T_{db}	ϕ	ω	h	T_{db}	ϕ	ω	h
56	67	0.0064	20.34	54	97	0.0086	22.28	53	37	0.0031	16.11
56	64	0.0061	20.03	54	94	0.0083	21.98	53	34	0.0029	15.84
56	61	0.0058	19.72	54	91	0.0080	21.69	53	31	0.0026	15.56
56	58	0.0055	19.41	54	88	0.0078	21.40	53	28	0.0024	15.29
56	55	0.0052	19.10	54	85	0.0075	21.11	53	25	0.0021	15.01
56	52	0.0049	18.78	54	82	0.0072	20.82	53	22	0.0019	14.73
56	49	0.0046	18.47	54	79	0.0070	20.53	53	19	0.0016	14.46
56	46	0.0043	18.16	54	76	0.0067	20.24	53	16	0.0013	14.18
56	43	0.0041	17.85	54	73	0.0064	19.95	53	13	0.0011	13.91
56	40	0.0038	17.54	54	70	0.0062	19.66	52	100	0.0082	21.39
56	37	0.0035	17.23	54	67	0.0059	19.37	52	96	0.0079	21.03
56	34	0.0032	16.92	54	64	0.0056	19.08	52	92	0.0076	20.67
56	31	0.0029	16.62	54	61	0.0054	18.79	52	88	0.0072	20.31
56	28	0.0026	16.31	54	58	0.0051	18.50	52	84	0.0069	19.95
56	25	0.0024	16.00	54	55	0.0048	18.21	52	80	0.0066	19.59
56	22	0.0021	15.69	54	52	0.0046	17.92	52	76	0.0062	19.23
56	19	0.0018	15.38	54	49	0.0043	17.63	52	72	0.0059	18.87
56	16	0.0015	15.08	54	46	0.0040	17.35	52	68	0.0056	18.51
56	13	0.0012	14.77	54	43	0.0038	17.06	52	64	0.0052	18.16
55	100	0.0092	23.17	54	40	0.0035	16.77	52	60	0.0049	17.80
55	97	0.0089	22.87	54	37	0.0032	16.48	52	56	0.0046	17.44
55	94	0.0086	22.57	54	34	0.0030	16.20	52	52	0.0042	17.08
55	91	0.0084	22.26	54	31	0.0027	15.91	52	48	0.0039	16.73
55	88	0.0081	21.96	54	28	0.0025	15.62	52	44	0.0036	16.37
55	85	0.0078	21.66	54	25	0.0022	15.34	52	40	0.0033	16.02
55	82	0.0075	21.36	54	22	0.0019	15.05	52	36	0.0029	15.66
55	79	0.0072	21.06	54	19	0.0017	14.76	52	32	0.0026	15.31
55	76	0.0070	20.75	54	16	0.0014	14.48	52	28	0.0023	14.95
55	73	0.0067	20.45	54	13	0.0011	14.19	52	24	0.0020	14.60
55	70	0.0064	20.15	53	100	0.0085	21.97	52	20	0.0016	14.24
55	67	0.0061	19.85	53	97	0.0083	21.69	52	16	0.0013	13.89
55	64	0.0058	19.55	53	94	0.0080	21.41	52	12	0.0010	13.54
55	61	0.0056	19.25	53	91	0.0078	21.13	51	100	0.0079	20.82
55	58	0.0053	18.95	53	88	0.0075	20.85	51	96	0.0076	20.47
55	55	0.0050	18.65	53	85	0.0072	20.57	51	92	0.0073	20.13
55	52	0.0047	18.35	53	82	0.0070	20.29	51	88	0.0070	19.78
55	49	0.0045	18.05	53	79	0.0067	20.01	51	84	0.0066	19.43
55	46	0.0042	17.75	53	76	0.0065	19.73	51	80	0.0063	19.09
55	43	0.0039	17.45	53	73	0.0062	19.45	51	76	0.0060	18.74
55	40	0.0036	17.15	53	70	0.0059	19.17	51	72	0.0057	18.40
55	37	0.0034	16.86	53	67	0.0057	18.89	51	68	0.0054	18.05
55	34	0.0031	16.56	53	64	0.0054	18.61	51	64	0.0050	17.71
55	31	0.0028	16.26	53	61	0.0052	18.33	51	60	0.0047	17.36
55	28	0.0025	15.96	53	58	0.0049	18.06	51	56	0.0044	17.02
55	25	0.0023	15.67	53	55	0.0047	17.78	51	52	0.0041	16.67
55	22	0.0020	15.37	53	52	0.0044	17.50	51	48	0.0038	16.33
55	19	0.0017	15.07	53	49	0.0042	17.22	51	44	0.0035	15.99
55	16	0.0015	14.78	53	46	0.0039	16.95	51	40	0.0031	15.65
55	13	0.0012	14.48	53	43	0.0036	16.67	51	36	0.0028	15.30
54	100	0.0089	22.57	53	40	0.0034	16.39	51	32	0.0025	14.96

T_{db}	ϕ	ω	h	T_{db}	ϕ	ω	h	T_{db}	ϕ	ω	h
51	28	0.0022	14.62	49	12	0.0009	12.70	46	88	0.0058	17.27
51	24	0.0019	14.28	48	100	0.0071	19.17	46	84	0.0055	16.98
51	20	0.0016	13.94	48	96	0.0068	18.86	46	80	0.0052	16.70
51	16	0.0013	13.60	48	92	0.0065	18.55	46	76	0.0050	16.41
51	12	0.0009	13.26	48	88	0.0062	18.24	46	72	0.0047	16.13
50	100	0.0076	20.26	48	84	0.0059	17.94	46	68	0.0044	15.84
50	96	0.0073	19.93	48	80	0.0056	17.63	46	64	0.0042	15.56
50	92	0.0070	19.59	48	76	0.0054	17.32	46	60	0.0039	15.27
50	88	0.0067	19.26	48	72	0.0051	17.01	46	56	0.0037	14.99
50	84	0.0064	18.92	48	68	0.0048	16.70	46	52	0.0034	14.71
50	80	0.0061	18.59	48	64	0.0045	16.40	46	48	0.0031	14.42
50	76	0.0058	18.26	48	60	0.0042	16.09	46	44	0.0029	14.14
50	72	0.0055	17.93	48	56	0.0039	15.78	46	40	0.0026	13.86
50	68	0.0052	17.59	48	52	0.0037	15.48	46	36	0.0023	13.57
50	64	0.0049	17.26	48	48	0.0034	15.17	46	32	0.0021	13.29
50	60	0.0046	16.93	48	44	0.0031	14.87	46	28	0.0018	13.01
50	56	0.0042	16.60	48	40	0.0028	14.56	46	24	0.0016	12.73
50	52	0.0039	16.27	48	36	0.0025	14.25	46	20	0.0013	12.45
50	48	0.0036	15.94	48	32	0.0022	13.95	46	16	0.0010	12.16
50	44	0.0033	15.61	48	28	0.0020	13.65	46	12	0.0008	11.88
50	40	0.0030	15.28	48	24	0.0017	13.34	45	100	0.0063	17.61
50	36	0.0027	14.95	48	20	0.0014	13.04	45	96	0.0060	17.34
50	32	0.0024	14.62	48	16	0.0011	12.73	45	92	0.0058	17.06
50	28	0.0021	14.29	48	12	0.0008	12.43	45	88	0.0055	16.79
50	24	0.0018	13.96	47	100	0.0068	18.64	45	84	0.0053	16.52
50	20	0.0015	13.64	47	96	0.0065	18.35	45	80	0.0050	16.24
50	16	0.0012	13.31	47	92	0.0063	18.05	45	76	0.0048	15.97
50	12	0.0009	12.98	47	88	0.0060	17.75	45	72	0.0045	15.69
49	100	0.0073	19.71	47	84	0.0057	17.45	45	68	0.0043	15.42
49	96	0.0070	19.39	47	80	0.0054	17.16	45	64	0.0040	15.15
49	92	0.0067	19.07	47	76	0.0052	16.86	45	60	0.0038	14.87
49	88	0.0065	18.75	47	72	0.0049	16.57	45	56	0.0035	14.60
49	84	0.0062	18.43	47	68	0.0046	16.27	45	52	0.0033	14.33
49	80	0.0059	18.11	47	64	0.0043	15.97	45	48	0.0030	14.05
49	76	0.0056	17.79	47	60	0.0041	15.68	45	44	0.0028	13.78
49	72	0.0053	17.47	47	56	0.0038	15.38	45	40	0.0025	13.51
49	68	0.0050	17.15	47	52	0.0035	15.09	45	36	0.0023	13.24
49	64	0.0047	16.83	47	48	0.0032	14.79	45	32	0.0020	12.97
49	60	0.0044	16.51	47	44	0.0030	14.50	45	28	0.0018	12.69
49	56	0.0041	16.19	47	40	0.0027	14.21	45	24	0.0015	12.42
49	52	0.0038	15.87	47	36	0.0024	13.91	45	20	0.0013	12.15
49	48	0.0035	15.55	47	32	0.0022	13.62	45	16	0.0010	11.88
49	44	0.0032	15.24	47	28	0.0019	13.33	45	12	0.0007	11.61
49	40	0.0029	14.92	47	24	0.0016	13.03	44	100	0.0061	17.11
49	36	0.0026	14.60	47	20	0.0013	12.74	44	95	0.0058	16.78
49	32	0.0023	14.28	47	16	0.0011	12.45	44	90	0.0055	16.45
49	28	0.0020	13.97	47	12	0.0008	12.16	44	85	0.0051	16.12
49	24	0.0017	13.65	46	100	0.0066	18.12	44	80	0.0048	15.79
49	20	0.0015	13.34	46	96	0.0063	17.84	44	75	0.0045	15.46
49	16	0.0012	13.02	46	92	0.0060	17.55	44	70	0.0042	15.13

T_{db}	ϕ	ω	h	T_{db}	ϕ	ω	h	T_{db}	ϕ	ω	h
44	65	0.0039	14.81	41	85	0.0046	14.79	38	100	0.0048	14.29
44	60	0.0036	14.48	41	80	0.0043	14.49	38	94	0.0045	13.98
44	55	0.0033	14.15	41	75	0.0040	14.20	38	88	0.0042	13.67
44	50	0.0030	13.82	41	70	0.0038	13.91	38	82	0.0039	13.35
44	45	0.0027	13.49	41	65	0.0035	13.62	38	76	0.0036	13.04
44	40	0.0024	13.17	41	60	0.0032	13.32	38	70	0.0034	12.73
44	35	0.0021	12.84	41	55	0.0030	13.03	38	64	0.0031	12.42
44	30	0.0018	12.51	41	50	0.0027	12.74	38	58	0.0028	12.11
44	25	0.0015	12.19	41	45	0.0024	12.45	38	52	0.0025	11.80
44	20	0.0012	11.86	41	40	0.0021	12.16	38	46	0.0022	11.49
44	15	0.0009	11.54	41	35	0.0019	11.87	38	40	0.0019	11.18
43	100	0.0058	16.62	41	30	0.0016	11.58	38	34	0.0016	10.87
43	95	0.0055	16.31	41	25	0.0013	11.29	38	28	0.0013	10.56
43	90	0.0052	15.99	41	20	0.0011	11.00	38	22	0.0010	10.25
43	85	0.0050	15.67	41	15	0.0008	10.71	38	16	0.0008	9.94
43	80	0.0047	15.35	40	100	0.0052	15.20	37	100	0.0046	13.85
43	75	0.0044	15.04	40	95	0.0049	14.92	37	94	0.0043	13.55
43	70	0.0041	14.72	40	90	0.0047	14.64	37	88	0.0041	13.25
43	65	0.0038	14.40	40	85	0.0044	14.35	37	82	0.0038	12.95
43	60	0.0035	14.09	40	80	0.0041	14.07	37	76	0.0035	12.65
43	55	0.0032	13.77	40	75	0.0039	13.79	37	70	0.0032	12.35
43	50	0.0029	13.46	40	70	0.0036	13.51	37	64	0.0029	12.05
43	45	0.0026	13.14	40	65	0.0034	13.23	37	58	0.0027	11.75
43	40	0.0023	12.83	40	60	0.0031	12.95	37	52	0.0024	11.45
43	35	0.0020	12.51	40	55	0.0028	12.67	37	46	0.0021	11.16
43	30	0.0017	12.20	40	50	0.0026	12.39	37	40	0.0018	10.86
43	25	0.0014	11.88	40	45	0.0023	12.11	37	34	0.0016	10.56
43	20	0.0012	11.57	40	40	0.0021	11.83	37	28	0.0013	10.26
43	15	0.0009	11.26	40	35	0.0018	11.55	37	22	0.0010	9.97
42	100	0.0056	16.14	40	30	0.0015	11.27	37	16	0.0007	9.67
42	95	0.0053	15.84	40	25	0.0013	10.99	36	100	0.0044	13.41
42	90	0.0050	15.53	40	20	0.0010	10.71	36	94	0.0042	13.12
42	85	0.0048	15.22	40	15	0.0008	10.43	36	88	0.0039	12.84
42	80	0.0045	14.92	39	100	0.0050	14.74	36	82	0.0036	12.55
42	75	0.0042	14.62	39	95	0.0047	14.47	36	76	0.0034	12.26
42	70	0.0039	14.31	39	90	0.0045	14.20	36	70	0.0031	11.97
42	65	0.0036	14.01	39	85	0.0042	13.93	36	64	0.0028	11.69
42	60	0.0034	13.70	39	80	0.0040	13.66	36	58	0.0026	11.40
42	55	0.0031	13.40	39	75	0.0037	13.39	36	52	0.0023	11.11
42	50	0.0028	13.10	39	70	0.0035	13.12	36	46	0.0020	10.83
42	45	0.0025	12.79	39	65	0.0032	12.85	36	40	0.0018	10.54
42	40	0.0022	12.49	39	60	0.0030	12.58	36	34	0.0015	10.26
42	35	0.0020	12.19	39	54	0.0027	12.26	36	28	0.0012	9.97
42	30	0.0017	11.89	39	48	0.0024	11.93	36	22	0.0010	9.68
42	25	0.0014	11.58	39	42	0.0021	11.61	36	16	0.0007	9.40
42	20	0.0011	11.28	39	36	0.0018	11.29	35	100	0.0043	12.98
42	15	0.0008	10.98	39	30	0.0015	10.97	35	94	0.0040	12.71
41	100	0.0054	15.67	39	24	0.0012	10.64	35	88	0.0037	12.43
41	95	0.0051	15.37	39	18	0.0009	10.32	35	82	0.0035	12.15
41	90	0.0049	15.08	39	12	0.0006	10.00	35	76	0.0032	11.88

T_{db}	ϕ	ω	h	T_{db}	ϕ	ω	h	T_{db}	ϕ	ω	h
35	70	0.0030	11.60								
35	64	0.0027	11.33								
35	58	0.0025	11.05								
35	52	0.0022	10.78								
35	46	0.0020	10.50								
35	40	0.0017	10.23								
35	34	0.0014	9.95								
35	28	0.0012	9.68								
35	22	0.0009	9.40								
35	16	0.0007	9.13								
34	100	0.0041	12.56								
34	93	0.0038	12.25								
34	86	0.0035	11.94								
34	79	0.0032	11.63								
34	72	0.0029	11.32								
34	65	0.0027	11.01								
34	58	0.0024	10.71								
34	51	0.0021	10.40								
34	44	0.0018	10.09								
34	37	0.0015	9.78								
34	30	0.0012	9.47								
34	23	0.0009	9.17								
34	16	0.0007	8.86								
33	100	0.0039	12.15								
33	93	0.0037	11.85								
33	86	0.0034	11.55								
33	79	0.0031	11.25								
33	72	0.0028	10.96								
33	65	0.0025	10.66								
33	58	0.0023	10.36								
33	51	0.0020	10.07								
33	44	0.0017	9.77								
33	37	0.0014	9.48								
33	30	0.0012	9.18								
33	23	0.0009	8.89								
33	16	0.0006	8.59								
32	100	0.0038	11.74								
32	93	0.0035	11.45								
32	86	0.0032	11.17								
32	79	0.0030	10.88								
32	72	0.0027	10.60								
32	65	0.0024	10.31								
32	58	0.0022	10.03								
32	51	0.0019	9.74								
32	44	0.0017	9.46								
32	37	0.0014	9.18								
32	30	0.0011	8.89								
32	23	0.0009	8.61								
32	16	0.0006	8.33								

Chapter 4

T_{db} and T_{dp}

T_{db}	T_{dp}	ω	h	T_{db}	T_{dp}	ω	h	T_{db}	T_{dp}	ω	h
105	90	0.0310	59.58	105	40	0.0052	30.95	104	49	0.0073	33.09
105	89	0.0300	58.46	105	39	0.0050	30.73	104	48	0.0071	32.79
105	88	0.0290	57.38	105	38	0.0048	30.51	104	47	0.0068	32.50
105	87	0.0281	56.33	105	37	0.0046	30.31	104	46	0.0066	32.21
105	86	0.0272	55.31	105	36	0.0044	30.11	104	45	0.0063	31.94
105	85	0.0263	54.33	105	35	0.0043	29.92	104	44	0.0061	31.68
105	84	0.0254	53.37	105	34	0.0041	29.73	104	43	0.0058	31.42
105	83	0.0246	52.44	105	33	0.0039	29.55	104	42	0.0056	31.18
105	82	0.0238	51.54	105	32	0.0038	29.38	104	41	0.0054	30.94
105	81	0.0230	50.67	104	90	0.0310	59.32	104	40	0.0052	30.71
105	80	0.0222	49.82	104	89	0.0300	58.21	104	39	0.0050	30.49
105	79	0.0215	49.00	104	88	0.0290	57.13	104	38	0.0048	30.27
105	78	0.0208	48.20	104	87	0.0281	56.08	104	37	0.0046	30.07
105	77	0.0201	47.43	104	86	0.0272	55.06	104	36	0.0044	29.87
105	76	0.0194	46.68	104	85	0.0263	54.07	104	35	0.0043	29.67
105	75	0.0187	45.96	104	84	0.0254	53.12	104	34	0.0041	29.49
105	74	0.0181	45.25	104	83	0.0246	52.19	104	33	0.0039	29.31
105	73	0.0175	44.57	104	82	0.0238	51.29	104	32	0.0038	29.14
105	72	0.0169	43.91	104	81	0.0230	50.42	103	90	0.0310	59.07
105	71	0.0163	43.27	104	80	0.0222	49.57	103	89	0.0300	57.95
105	70	0.0158	42.65	104	79	0.0215	48.75	103	88	0.0290	56.87
105	69	0.0152	42.05	104	78	0.0208	47.95	103	87	0.0281	55.83
105	68	0.0147	41.47	104	77	0.0201	47.18	103	86	0.0272	54.81
105	67	0.0142	40.90	104	76	0.0194	46.43	103	85	0.0263	53.82
105	66	0.0137	40.36	104	75	0.0187	45.71	103	84	0.0254	52.87
105	65	0.0132	39.83	104	74	0.0181	45.00	103	83	0.0246	51.94
105	64	0.0127	39.32	104	73	0.0175	44.32	103	82	0.0238	51.04
105	63	0.0123	38.82	104	72	0.0169	43.66	103	81	0.0230	50.16
105	62	0.0119	38.34	104	71	0.0163	43.02	103	80	0.0222	49.32
105	61	0.0114	37.87	104	70	0.0158	42.40	103	79	0.0215	48.50
105	60	0.0110	37.42	104	69	0.0152	41.80	103	78	0.0208	47.70
105	59	0.0106	36.99	104	68	0.0147	41.22	103	77	0.0201	46.93
105	58	0.0103	36.56	104	67	0.0142	40.66	103	76	0.0194	46.18
105	57	0.0099	36.16	104	66	0.0137	40.11	103	75	0.0187	45.46
105	56	0.0095	35.76	104	65	0.0132	39.58	103	74	0.0181	44.76
105	55	0.0092	35.38	104	64	0.0127	39.07	103	73	0.0175	44.08
105	54	0.0089	35.01	104	63	0.0123	38.57	103	72	0.0169	43.42
105	53	0.0085	34.65	104	62	0.0119	38.09	103	71	0.0163	42.78
105	52	0.0082	34.31	104	61	0.0114	37.63	103	70	0.0158	42.16
105	51	0.0079	33.97	104	60	0.0110	37.18	103	69	0.0152	41.56
105	50	0.0076	33.65	104	59	0.0106	36.74	103	68	0.0147	40.97
105	49	0.0073	33.33	104	58	0.0103	36.32	103	67	0.0142	40.41
105	48	0.0071	33.03	104	57	0.0099	35.91	103	66	0.0137	39.86
105	47	0.0068	32.74	104	56	0.0095	35.52	103	65	0.0132	39.34
105	46	0.0066	32.46	104	55	0.0092	35.13	103	64	0.0127	38.82
105	45	0.0063	32.18	104	54	0.0089	34.77	103	63	0.0123	38.33
105	44	0.0061	31.92	104	53	0.0085	34.41	103	62	0.0119	37.85
105	43	0.0058	31.66	104	52	0.0082	34.06	103	61	0.0114	37.38
105	42	0.0056	31.42	104	51	0.0079	33.73	103	60	0.0110	36.93
105	41	0.0054	31.18	104	50	0.0076	33.40	103	59	0.0106	36.50

T_{db}	T_{dp}	ω	h	T_{db}	T_{dp}	ω	h	T_{db}	T_{dp}	ω	h
103	58	0.0103	36.08	102	68	0.0147	40.73	101	78	0.0208	47.20
103	57	0.0099	35.67	102	67	0.0142	40.16	101	77	0.0201	46.43
103	56	0.0095	35.27	102	66	0.0137	39.62	101	76	0.0194	45.69
103	55	0.0092	34.89	102	65	0.0132	39.09	101	75	0.0187	44.96
103	54	0.0089	34.52	102	64	0.0127	38.58	101	74	0.0181	44.26
103	53	0.0085	34.16	102	63	0.0123	38.08	101	73	0.0175	43.58
103	52	0.0082	33.82	102	62	0.0119	37.60	101	72	0.0169	42.92
103	51	0.0079	33.48	102	61	0.0114	37.14	101	71	0.0163	42.28
103	50	0.0076	33.16	102	60	0.0110	36.69	101	70	0.0158	41.66
103	49	0.0073	32.85	102	59	0.0106	36.25	101	69	0.0152	41.06
103	48	0.0071	32.55	102	58	0.0103	35.83	101	68	0.0147	40.48
103	47	0.0068	32.25	102	57	0.0099	35.42	101	67	0.0142	39.92
103	46	0.0066	31.97	102	56	0.0095	35.03	101	66	0.0137	39.37
103	45	0.0063	31.70	102	55	0.0092	34.65	101	65	0.0132	38.84
103	44	0.0061	31.43	102	54	0.0089	34.28	101	64	0.0127	38.33
103	43	0.0058	31.18	102	53	0.0085	33.92	101	63	0.0123	37.84
103	42	0.0056	30.93	102	52	0.0082	33.57	101	62	0.0119	37.36
103	41	0.0054	30.70	102	51	0.0079	33.24	101	61	0.0114	36.89
103	40	0.0052	30.47	102	50	0.0076	32.92	101	60	0.0110	36.44
103	39	0.0050	30.24	102	49	0.0073	32.60	101	59	0.0106	36.01
103	38	0.0048	30.03	102	48	0.0071	32.30	101	58	0.0103	35.59
103	37	0.0046	29.82	102	47	0.0068	32.01	101	57	0.0099	35.18
103	36	0.0044	29.62	102	46	0.0066	31.73	101	56	0.0095	34.78
103	35	0.0043	29.43	102	45	0.0063	31.45	101	55	0.0092	34.40
103	34	0.0041	29.25	102	44	0.0061	31.19	101	54	0.0089	34.03
103	33	0.0039	29.07	102	43	0.0058	30.94	101	53	0.0085	33.68
103	32	0.0038	28.90	102	42	0.0056	30.69	101	52	0.0082	33.33
102	91	0.0321	59.96	102	41	0.0054	30.45	101	51	0.0079	33.00
102	90	0.0310	58.81	102	40	0.0052	30.22	101	50	0.0076	32.67
102	89	0.0300	57.70	102	39	0.0050	30.00	101	49	0.0073	32.36
102	88	0.0290	56.62	102	38	0.0048	29.79	101	48	0.0071	32.06
102	87	0.0281	55.57	102	37	0.0046	29.58	101	47	0.0068	31.77
102	86	0.0272	54.56	102	36	0.0044	29.38	101	46	0.0066	31.48
102	85	0.0263	53.57	102	35	0.0043	29.19	101	45	0.0063	31.21
102	84	0.0254	52.61	102	34	0.0041	29.01	101	44	0.0061	30.95
102	83	0.0246	51.69	102	33	0.0039	28.83	101	43	0.0058	30.69
102	82	0.0238	50.79	102	32	0.0038	28.65	101	42	0.0056	30.45
102	81	0.0230	49.91	101	91	0.0321	59.71	101	41	0.0054	30.21
102	80	0.0222	49.07	101	90	0.0310	58.56	101	40	0.0052	29.98
102	79	0.0215	48.25	101	89	0.0300	57.45	101	39	0.0050	29.76
102	78	0.0208	47.45	101	88	0.0290	56.37	101	38	0.0048	29.55
102	77	0.0201	46.68	101	87	0.0281	55.32	101	37	0.0046	29.34
102	76	0.0194	45.94	101	86	0.0272	54.30	101	36	0.0044	29.14
102	75	0.0187	45.21	101	85	0.0263	53.32	101	35	0.0043	28.95
102	74	0.0181	44.51	101	84	0.0254	52.36	101	34	0.0041	28.76
102	73	0.0175	43.83	101	83	0.0246	51.44	101	33	0.0039	28.58
102	72	0.0169	43.17	101	82	0.0238	50.54	101	32	0.0038	28.41
102	71	0.0163	42.53	101	81	0.0230	49.66	100	91	0.0321	59.45
102	70	0.0158	41.91	101	80	0.0222	48.82	100	90	0.0310	58.31
102	69	0.0152	41.31	101	79	0.0215	48.00	100	89	0.0300	57.19

T_{db}	T_{dp}	ω	h	T_{db}	T_{dp}	ω	h	T_{db}	T_{dp}	ω	h
100	88	0.0290	56.11	100	38	0.0048	29.30	99	48	0.0071	31.57
100	87	0.0281	55.07	100	37	0.0046	29.10	99	47	0.0068	31.28
100	86	0.0272	54.05	100	36	0.0044	28.90	99	46	0.0066	31.00
100	85	0.0263	53.07	100	35	0.0043	28.71	99	45	0.0063	30.73
100	84	0.0254	52.11	100	34	0.0041	28.52	99	44	0.0061	30.46
100	83	0.0246	51.18	100	33	0.0039	28.34	99	43	0.0058	30.21
100	82	0.0238	50.29	100	32	0.0038	28.17	99	42	0.0056	29.96
100	81	0.0230	49.41	99	91	0.0321	59.20	99	41	0.0054	29.73
100	80	0.0222	48.57	99	90	0.0310	58.05	99	40	0.0052	29.50
100	79	0.0215	47.75	99	89	0.0300	56.94	99	39	0.0050	29.28
100	78	0.0208	46.96	99	88	0.0290	55.86	99	38	0.0048	29.06
100	77	0.0201	46.18	99	87	0.0281	54.82	99	37	0.0046	28.86
100	76	0.0194	45.44	99	86	0.0272	53.80	99	36	0.0044	28.66
100	75	0.0187	44.71	99	85	0.0263	52.82	99	35	0.0043	28.46
100	74	0.0181	44.01	99	84	0.0254	51.86	99	34	0.0041	28.28
100	73	0.0175	43.33	99	83	0.0246	50.93	99	33	0.0039	28.10
100	72	0.0169	42.67	99	82	0.0238	50.04	99	32	0.0038	27.93
100	71	0.0163	42.03	99	81	0.0230	49.16	98	91	0.0321	58.95
100	70	0.0158	41.42	99	80	0.0222	48.32	98	90	0.0310	57.80
100	69	0.0152	40.82	99	79	0.0215	47.50	98	89	0.0300	56.69
100	68	0.0147	40.23	99	78	0.0208	46.71	98	88	0.0290	55.61
100	67	0.0142	39.67	99	77	0.0201	45.94	98	87	0.0281	54.56
100	66	0.0137	39.13	99	76	0.0194	45.19	98	86	0.0272	53.55
100	65	0.0132	38.60	99	75	0.0187	44.47	98	85	0.0263	52.56
100	64	0.0127	38.09	99	74	0.0181	43.76	98	84	0.0254	51.61
100	63	0.0123	37.59	99	73	0.0175	43.08	98	83	0.0246	50.68
100	62	0.0119	37.11	99	72	0.0169	42.43	98	82	0.0238	49.78
100	61	0.0114	36.65	99	71	0.0163	41.79	98	81	0.0230	48.91
100	60	0.0110	36.20	99	70	0.0158	41.17	98	80	0.0222	48.07
100	59	0.0106	35.76	99	69	0.0152	40.57	98	79	0.0215	47.25
100	58	0.0103	35.34	99	68	0.0147	39.99	98	78	0.0208	46.46
100	57	0.0099	34.93	99	67	0.0142	39.43	98	77	0.0201	45.69
100	56	0.0095	34.54	99	66	0.0137	38.88	98	76	0.0194	44.94
100	55	0.0092	34.16	99	65	0.0132	38.35	98	75	0.0187	44.22
100	54	0.0089	33.79	99	64	0.0127	37.84	98	74	0.0181	43.52
100	53	0.0085	33.43	99	63	0.0123	37.35	98	73	0.0175	42.84
100	52	0.0082	33.09	99	62	0.0119	36.87	98	72	0.0169	42.18
100	51	0.0079	32.75	99	61	0.0114	36.40	98	71	0.0163	41.54
100	50	0.0076	32.43	99	60	0.0110	35.95	98	70	0.0158	40.92
100	49	0.0073	32.12	99	59	0.0106	35.52	98	69	0.0152	40.32
100	48	0.0071	31.82	99	58	0.0103	35.10	98	68	0.0147	39.74
100	47	0.0068	31.52	99	57	0.0099	34.69	98	67	0.0142	39.18
100	46	0.0066	31.24	99	56	0.0095	34.30	98	66	0.0137	38.63
100	45	0.0063	30.97	99	55	0.0092	33.91	98	65	0.0132	38.11
100	44	0.0061	30.71	99	54	0.0089	33.55	98	64	0.0127	37.60
100	43	0.0058	30.45	99	53	0.0085	33.19	98	63	0.0123	37.10
100	42	0.0056	30.21	99	52	0.0082	32.84	98	62	0.0119	36.62
100	41	0.0054	29.97	99	51	0.0079	32.51	98	61	0.0114	36.16
100	40	0.0052	29.74	99	50	0.0076	32.19	98	60	0.0110	35.71
100	39	0.0050	29.52	99	49	0.0073	31.87	98	59	0.0106	35.27

T_{db}	T_{dp}	ω	h	T_{db}	T_{dp}	ω	h	T_{db}	T_{dp}	ω	h
98	58	0.0103	34.85	97	69	0.0152	40.08	96	80	0.0222	47.57
98	57	0.0099	34.45	97	68	0.0147	39.50	96	79	0.0215	46.75
98	56	0.0095	34.05	97	67	0.0142	38.93	96	78	0.0208	45.96
98	55	0.0092	33.67	97	66	0.0137	38.39	96	77	0.0201	45.19
98	54	0.0089	33.30	97	65	0.0132	37.86	96	76	0.0194	44.44
98	53	0.0085	32.94	97	64	0.0127	37.35	96	75	0.0187	43.72
98	52	0.0082	32.60	97	63	0.0123	36.86	96	74	0.0181	43.02
98	51	0.0079	32.27	97	62	0.0119	36.38	96	73	0.0175	42.34
98	50	0.0076	31.94	97	61	0.0114	35.91	96	72	0.0169	41.68
98	49	0.0073	31.63	97	60	0.0110	35.46	96	71	0.0163	41.05
98	48	0.0071	31.33	97	59	0.0106	35.03	96	70	0.0158	40.43
98	47	0.0068	31.04	97	58	0.0103	34.61	96	69	0.0152	39.83
98	46	0.0066	30.76	97	57	0.0099	34.20	96	68	0.0147	39.25
98	45	0.0063	30.48	97	56	0.0095	33.81	96	67	0.0142	38.69
98	44	0.0061	30.22	97	55	0.0092	33.43	96	66	0.0137	38.14
98	43	0.0058	29.97	97	54	0.0089	33.06	96	65	0.0132	37.62
98	42	0.0056	29.72	97	53	0.0085	32.70	96	64	0.0127	37.10
98	41	0.0054	29.48	97	52	0.0082	32.36	96	63	0.0123	36.61
98	40	0.0052	29.25	97	51	0.0079	32.02	96	62	0.0119	36.13
98	39	0.0050	29.03	97	50	0.0076	31.70	96	61	0.0114	35.67
98	38	0.0048	28.82	97	49	0.0073	31.39	96	60	0.0110	35.22
98	37	0.0046	28.61	97	48	0.0071	31.09	96	59	0.0106	34.78
98	36	0.0044	28.41	97	47	0.0068	30.79	96	58	0.0103	34.36
98	35	0.0043	28.22	97	46	0.0066	30.51	96	57	0.0099	33.96
98	34	0.0041	28.04	97	45	0.0063	30.24	96	56	0.0095	33.56
98	33	0.0039	27.86	97	44	0.0061	29.98	96	55	0.0092	33.18
98	32	0.0038	27.69	97	43	0.0058	29.72	96	54	0.0089	32.81
97	92	0.0331	59.87	97	42	0.0056	29.48	96	53	0.0085	32.46
97	91	0.0321	58.69	97	41	0.0054	29.24	96	52	0.0082	32.11
97	90	0.0310	57.55	97	40	0.0052	29.01	96	51	0.0079	31.78
97	89	0.0300	56.43	97	39	0.0050	28.79	96	50	0.0076	31.46
97	88	0.0290	55.36	97	38	0.0048	28.58	96	49	0.0073	31.14
97	87	0.0281	54.31	97	37	0.0046	28.37	96	48	0.0071	30.84
97	86	0.0272	53.30	97	36	0.0044	28.17	96	47	0.0068	30.55
97	85	0.0263	52.31	97	35	0.0043	27.98	96	46	0.0066	30.27
97	84	0.0254	51.36	97	34	0.0041	27.80	96	45	0.0063	30.00
97	83	0.0246	50.43	97	33	0.0039	27.62	96	44	0.0061	29.73
97	82	0.0238	49.53	97	32	0.0038	27.45	96	43	0.0058	29.48
97	81	0.0230	48.66	96	92	0.0331	59.62	96	42	0.0056	29.24
97	80	0.0222	47.82	96	91	0.0321	58.44	96	41	0.0054	29.00
97	79	0.0215	47.00	96	90	0.0310	57.29	96	40	0.0052	28.77
97	78	0.0208	46.21	96	89	0.0300	56.18	96	39	0.0050	28.55
97	77	0.0201	45.44	96	88	0.0290	55.10	96	38	0.0048	28.34
97	76	0.0194	44.69	96	87	0.0281	54.06	96	37	0.0046	28.13
97	75	0.0187	43.97	96	86	0.0272	53.04	96	36	0.0044	27.93
97	74	0.0181	43.27	96	85	0.0263	52.06	96	35	0.0043	27.74
97	73	0.0175	42.59	96	84	0.0254	51.11	96	34	0.0041	27.55
97	72	0.0169	41.93	96	83	0.0246	50.18	96	33	0.0039	27.38
97	71	0.0163	41.29	96	82	0.0238	49.28	96	32	0.0038	27.20
97	70	0.0158	40.67	96	81	0.0230	48.41	95	92	0.0331	59.36

T_{db}	T_{dp}	ω	h	T_{db}	T_{dp}	ω	h	T_{db}	T_{dp}	ω	h
95	91	0.0321	58.18	95	41	0.0054	28.76	94	52	0.0082	31.62
95	90	0.0310	57.04	95	40	0.0052	28.53	94	51	0.0079	31.29
95	89	0.0300	55.93	95	39	0.0050	28.31	94	50	0.0076	30.97
95	88	0.0290	54.85	95	38	0.0048	28.09	94	49	0.0073	30.66
95	87	0.0281	53.80	95	37	0.0046	27.89	94	48	0.0071	30.36
95	86	0.0272	52.79	95	36	0.0044	27.69	94	47	0.0068	30.07
95	85	0.0263	51.81	95	35	0.0043	27.50	94	46	0.0066	29.78
95	84	0.0254	50.85	95	34	0.0041	27.31	94	45	0.0063	29.51
95	83	0.0246	49.93	95	33	0.0039	27.13	94	44	0.0061	29.25
95	82	0.0238	49.03	95	32	0.0038	26.96	94	43	0.0058	29.00
95	81	0.0230	48.16	94	92	0.0331	59.11	94	42	0.0056	28.75
95	80	0.0222	47.32	94	91	0.0321	57.93	94	41	0.0054	28.51
95	79	0.0215	46.50	94	90	0.0310	56.78	94	40	0.0052	28.29
95	78	0.0208	45.71	94	89	0.0300	55.67	94	39	0.0050	28.06
95	77	0.0201	44.94	94	88	0.0290	54.60	94	38	0.0048	27.85
95	76	0.0194	44.19	94	87	0.0281	53.55	94	37	0.0046	27.65
95	75	0.0187	43.47	94	86	0.0272	52.54	94	36	0.0044	27.45
95	74	0.0181	42.77	94	85	0.0263	51.56	94	35	0.0043	27.26
95	73	0.0175	42.09	94	84	0.0254	50.60	94	34	0.0041	27.07
95	72	0.0169	41.44	94	83	0.0246	49.68	94	33	0.0039	26.89
95	71	0.0163	40.80	94	82	0.0238	48.78	94	32	0.0038	26.72
95	70	0.0158	40.18	94	81	0.0230	47.91	93	92	0.0331	58.85
95	69	0.0152	39.58	94	80	0.0222	47.07	93	91	0.0321	57.67
95	68	0.0147	39.00	94	79	0.0215	46.25	93	90	0.0310	56.53
95	67	0.0142	38.44	94	78	0.0208	45.46	93	89	0.0300	55.42
95	66	0.0137	37.90	94	77	0.0201	44.69	93	88	0.0290	54.34
95	65	0.0132	37.37	94	76	0.0194	43.95	93	87	0.0281	53.30
95	64	0.0127	36.86	94	75	0.0187	43.22	93	86	0.0272	52.29
95	63	0.0123	36.36	94	74	0.0181	42.52	93	85	0.0263	51.30
95	62	0.0119	35.89	94	73	0.0175	41.85	93	84	0.0254	50.35
95	61	0.0114	35.42	94	72	0.0169	41.19	93	83	0.0246	49.43
95	60	0.0110	34.97	94	71	0.0163	40.55	93	82	0.0238	48.53
95	59	0.0106	34.54	94	70	0.0158	39.93	93	81	0.0230	47.66
95	58	0.0103	34.12	94	69	0.0152	39.34	93	80	0.0222	46.82
95	57	0.0099	33.71	94	68	0.0147	38.76	93	79	0.0215	46.00
95	56	0.0095	33.32	94	67	0.0142	38.19	93	78	0.0208	45.21
95	55	0.0092	32.94	94	66	0.0137	37.65	93	77	0.0201	44.44
95	54	0.0089	32.57	94	65	0.0132	37.12	93	76	0.0194	43.70
95	53	0.0085	32.21	94	64	0.0127	36.61	93	75	0.0187	42.98
95	52	0.0082	31.87	94	63	0.0123	36.12	93	74	0.0181	42.28
95	51	0.0079	31.54	94	62	0.0119	35.64	93	73	0.0175	41.60
95	50	0.0076	31.21	94	61	0.0114	35.18	93	72	0.0169	40.94
95	49	0.0073	30.90	94	60	0.0110	34.73	93	71	0.0163	40.30
95	48	0.0071	30.60	94	59	0.0106	34.29	93	70	0.0158	39.69
95	47	0.0068	30.31	94	58	0.0103	33.87	93	69	0.0152	39.09
95	46	0.0066	30.03	94	57	0.0099	33.47	93	68	0.0147	38.51
95	45	0.0063	29.76	94	56	0.0095	33.07	93	67	0.0142	37.95
95	44	0.0061	29.49	94	55	0.0092	32.69	93	66	0.0137	37.40
95	43	0.0058	29.24	94	54	0.0089	32.33	93	65	0.0132	36.88
95	42	0.0056	28.99	94	53	0.0085	31.97	93	64	0.0127	36.37

T_{db}	T_{dp}	ω	h	T_{db}	T_{dp}	ω	h	T_{db}	T_{dp}	ω	h
93	63	0.0123	35.87	92	74	0.0181	42.03	91	84	0.0254	49.85
93	62	0.0119	35.40	92	73	0.0175	41.35	91	83	0.0246	48.93
93	61	0.0114	34.93	92	72	0.0169	40.69	91	82	0.0238	48.03
93	60	0.0110	34.48	92	71	0.0163	40.06	91	81	0.0230	47.16
93	59	0.0106	34.05	92	70	0.0158	39.44	91	80	0.0222	46.32
93	58	0.0103	33.63	92	69	0.0152	38.84	91	79	0.0215	45.50
93	57	0.0099	33.22	92	68	0.0147	38.26	91	78	0.0208	44.71
93	56	0.0095	32.83	92	67	0.0142	37.70	91	77	0.0201	43.94
93	55	0.0092	32.45	92	66	0.0137	37.16	91	76	0.0194	43.20
93	54	0.0089	32.08	92	65	0.0132	36.63	91	75	0.0187	42.48
93	53	0.0085	31.73	92	64	0.0127	36.12	91	74	0.0181	41.78
93	52	0.0082	31.38	92	63	0.0123	35.63	91	73	0.0175	41.10
93	51	0.0079	31.05	92	62	0.0119	35.15	91	72	0.0169	40.45
93	50	0.0076	30.73	92	61	0.0114	34.69	91	71	0.0163	39.81
93	49	0.0073	30.41	92	60	0.0110	34.24	91	70	0.0158	39.19
93	48	0.0071	30.11	92	59	0.0106	33.81	91	69	0.0152	38.59
93	47	0.0068	29.82	92	58	0.0103	33.39	91	68	0.0147	38.02
93	46	0.0066	29.54	92	57	0.0099	32.98	91	67	0.0142	37.46
93	45	0.0063	29.27	92	56	0.0095	32.59	91	66	0.0137	36.91
93	44	0.0061	29.01	92	55	0.0092	32.21	91	65	0.0132	36.39
93	43	0.0058	28.75	92	54	0.0089	31.84	91	64	0.0127	35.88
93	42	0.0056	28.51	92	53	0.0085	31.48	91	63	0.0123	35.38
93	41	0.0054	28.27	92	52	0.0082	31.14	91	62	0.0119	34.90
93	40	0.0052	28.04	92	51	0.0079	30.80	91	61	0.0114	34.44
93	39	0.0050	27.82	92	50	0.0076	30.48	91	60	0.0110	33.99
93	38	0.0048	27.61	92	49	0.0073	30.17	91	59	0.0106	33.56
93	37	0.0046	27.40	92	48	0.0071	29.87	91	58	0.0103	33.14
93	36	0.0044	27.20	92	47	0.0068	29.58	91	57	0.0099	32.73
93	35	0.0043	27.01	92	46	0.0066	29.30	91	56	0.0095	32.34
93	34	0.0041	26.83	92	45	0.0063	29.03	91	55	0.0092	31.96
93	33	0.0039	26.65	92	44	0.0061	28.76	91	54	0.0089	31.59
93	32	0.0038	26.48	92	43	0.0058	28.51	91	53	0.0085	31.24
92	92	0.0331	58.60	92	42	0.0056	28.27	91	52	0.0082	30.89
92	91	0.0321	57.42	92	41	0.0054	28.03	91	51	0.0079	30.56
92	90	0.0310	56.28	92	40	0.0052	27.80	91	50	0.0076	30.24
92	89	0.0300	55.17	92	39	0.0050	27.58	91	49	0.0073	29.93
92	88	0.0290	54.09	92	38	0.0048	27.37	91	48	0.0071	29.63
92	87	0.0281	53.05	92	37	0.0046	27.16	91	47	0.0068	29.34
92	86	0.0272	52.04	92	36	0.0044	26.96	91	46	0.0066	29.06
92	85	0.0263	51.05	92	35	0.0043	26.77	91	45	0.0063	28.78
92	84	0.0254	50.10	92	34	0.0041	26.59	91	44	0.0061	28.52
92	83	0.0246	49.18	92	33	0.0039	26.41	91	43	0.0058	28.27
92	82	0.0238	48.28	92	32	0.0038	26.24	91	42	0.0056	28.02
92	81	0.0230	47.41	91	91	0.0321	57.17	91	41	0.0054	27.79
92	80	0.0222	46.57	91	90	0.0310	56.02	91	40	0.0052	27.56
92	79	0.0215	45.75	91	89	0.0300	54.91	91	39	0.0050	27.34
92	78	0.0208	44.96	91	88	0.0290	53.84	91	38	0.0048	27.12
92	77	0.0201	44.19	91	87	0.0281	52.79	91	37	0.0046	26.92
92	76	0.0194	43.45	91	86	0.0272	51.78	91	36	0.0044	26.72
92	75	0.0187	42.73	91	85	0.0263	50.80	91	35	0.0043	26.53

T_{db}	T_{dp}	ω	h	T_{db}	T_{dp}	ω	h	T_{db}	T_{dp}	ω	h
91	34	0.0041	26.34	90	43	0.0058	28.03	89	51	0.0079	30.07
91	33	0.0039	26.17	90	42	0.0056	27.78	89	50	0.0076	29.75
91	32	0.0038	26.00	90	41	0.0054	27.54	89	49	0.0073	29.44
90	90	0.0310	55.77	90	40	0.0052	27.32	89	48	0.0071	29.14
90	89	0.0300	54.66	90	39	0.0050	27.10	89	47	0.0068	28.85
90	88	0.0290	53.59	90	38	0.0048	26.88	89	46	0.0066	28.57
90	87	0.0281	52.54	90	37	0.0046	26.68	89	45	0.0063	28.30
90	86	0.0272	51.53	90	36	0.0044	26.48	89	44	0.0061	28.04
90	85	0.0263	50.55	90	35	0.0043	26.29	89	43	0.0058	27.78
90	84	0.0254	49.60	90	34	0.0041	26.10	89	42	0.0056	27.54
90	83	0.0246	48.68	90	33	0.0039	25.93	89	41	0.0054	27.30
90	82	0.0238	47.78	90	32	0.0038	25.75	89	40	0.0052	27.07
90	81	0.0230	46.91	89	89	0.0300	54.41	89	39	0.0050	26.85
90	80	0.0222	46.07	89	88	0.0290	53.33	89	38	0.0048	26.64
90	79	0.0215	45.25	89	87	0.0281	52.29	89	37	0.0046	26.44
90	78	0.0208	44.46	89	86	0.0272	51.28	89	36	0.0044	26.24
90	77	0.0201	43.70	89	85	0.0263	50.30	89	35	0.0043	26.05
90	76	0.0194	42.95	89	84	0.0254	49.35	89	34	0.0041	25.86
90	75	0.0187	42.23	89	83	0.0246	48.42	89	33	0.0039	25.68
90	74	0.0181	41.53	89	82	0.0238	47.53	89	32	0.0038	25.51
90	73	0.0175	40.85	89	81	0.0230	46.66	88	88	0.0290	53.08
90	72	0.0169	40.20	89	80	0.0222	45.82	88	87	0.0281	52.04
90	71	0.0163	39.56	89	79	0.0215	45.00	88	86	0.0272	51.03
90	70	0.0158	38.95	89	78	0.0208	44.21	88	85	0.0263	50.05
90	69	0.0152	38.35	89	77	0.0201	43.45	88	84	0.0254	49.10
90	68	0.0147	37.77	89	76	0.0194	42.70	88	83	0.0246	48.17
90	67	0.0142	37.21	89	75	0.0187	41.98	88	82	0.0238	47.28
90	66	0.0137	36.67	89	74	0.0181	41.28	88	81	0.0230	46.41
90	65	0.0132	36.14	89	73	0.0175	40.61	88	80	0.0222	45.57
90	64	0.0127	35.63	89	72	0.0169	39.95	88	79	0.0215	44.76
90	63	0.0123	35.14	89	71	0.0163	39.31	88	78	0.0208	43.96
90	62	0.0119	34.66	89	70	0.0158	38.70	88	77	0.0201	43.20
90	61	0.0114	34.20	89	69	0.0152	38.10	88	76	0.0194	42.45
90	60	0.0110	33.75	89	68	0.0147	37.52	88	75	0.0187	41.73
90	59	0.0106	33.32	89	67	0.0142	36.96	88	74	0.0181	41.04
90	58	0.0103	32.90	89	66	0.0137	36.42	88	73	0.0175	40.36
90	57	0.0099	32.49	89	65	0.0132	35.89	88	72	0.0169	39.70
90	56	0.0095	32.10	89	64	0.0127	35.38	88	71	0.0163	39.07
90	55	0.0092	31.72	89	63	0.0123	34.89	88	70	0.0158	38.45
90	54	0.0089	31.35	89	62	0.0119	34.41	88	69	0.0152	37.85
90	53	0.0085	30.99	89	61	0.0114	33.95	88	68	0.0147	37.28
90	52	0.0082	30.65	89	60	0.0110	33.50	88	67	0.0142	36.72
90	51	0.0079	30.32	89	59	0.0106	33.07	88	66	0.0137	36.17
90	50	0.0076	30.00	89	58	0.0103	32.65	88	65	0.0132	35.65
90	49	0.0073	29.68	89	57	0.0099	32.25	88	64	0.0127	35.14
90	48	0.0071	29.38	89	56	0.0095	31.85	88	63	0.0123	34.65
90	47	0.0068	29.09	89	55	0.0092	31.47	88	62	0.0119	34.17
90	46	0.0066	28.81	89	54	0.0089	31.11	88	61	0.0114	33.71
90	45	0.0063	28.54	89	53	0.0085	30.75	88	60	0.0110	33.26
90	44	0.0061	28.28	89	52	0.0082	30.41	88	59	0.0106	32.83

T_{db}	T_{dp}	ω	h	T_{db}	T_{dp}	ω	h	T_{db}	T_{dp}	ω	h
88	58	0.0103	32.41	87	64	0.0127	34.89	86	69	0.0152	37.36
88	57	0.0099	32.00	87	63	0.0123	34.40	86	68	0.0147	36.78
88	56	0.0095	31.61	87	62	0.0119	33.92	86	67	0.0142	36.22
88	55	0.0092	31.23	87	61	0.0114	33.46	86	66	0.0137	35.68
88	54	0.0089	30.86	87	60	0.0110	33.01	86	65	0.0132	35.16
88	53	0.0085	30.51	87	59	0.0106	32.58	86	64	0.0127	34.65
88	52	0.0082	30.16	87	58	0.0103	32.16	86	63	0.0123	34.16
88	51	0.0079	29.83	87	57	0.0099	31.76	86	62	0.0119	33.68
88	50	0.0076	29.51	87	56	0.0095	31.37	86	61	0.0114	33.22
88	49	0.0073	29.20	87	55	0.0092	30.99	86	60	0.0110	32.77
88	48	0.0071	28.90	87	54	0.0089	30.62	86	59	0.0106	32.34
88	47	0.0068	28.61	87	53	0.0085	30.26	86	58	0.0103	31.92
88	46	0.0066	28.33	87	52	0.0082	29.92	86	57	0.0099	31.51
88	45	0.0063	28.06	87	51	0.0079	29.59	86	56	0.0095	31.12
88	44	0.0061	27.79	87	50	0.0076	29.27	86	55	0.0092	30.74
88	43	0.0058	27.54	87	49	0.0073	28.96	86	54	0.0089	30.37
88	42	0.0056	27.30	87	48	0.0071	28.65	86	53	0.0085	30.02
88	41	0.0054	27.06	87	47	0.0068	28.36	86	52	0.0082	29.68
88	40	0.0052	26.83	87	46	0.0066	28.08	86	51	0.0079	29.34
88	39	0.0050	26.61	87	45	0.0063	27.81	86	50	0.0076	29.02
88	38	0.0048	26.40	87	44	0.0061	27.55	86	49	0.0073	28.71
88	37	0.0046	26.19	87	43	0.0058	27.30	86	48	0.0071	28.41
88	36	0.0044	26.00	87	42	0.0056	27.05	86	47	0.0068	28.12
88	35	0.0043	25.80	87	41	0.0054	26.82	86	46	0.0066	27.84
88	34	0.0041	25.62	87	40	0.0052	26.59	86	45	0.0063	27.57
88	33	0.0039	25.44	87	39	0.0050	26.37	86	44	0.0061	27.31
88	32	0.0038	25.27	87	38	0.0048	26.16	86	43	0.0058	27.05
87	87	0.0281	51.78	87	37	0.0046	25.95	86	42	0.0056	26.81
87	86	0.0272	50.77	87	36	0.0044	25.75	86	41	0.0054	26.57
87	85	0.0263	49.79	87	35	0.0043	25.56	86	40	0.0052	26.35
87	84	0.0254	48.84	87	34	0.0041	25.38	86	39	0.0050	26.13
87	83	0.0246	47.92	87	33	0.0039	25.20	86	38	0.0048	25.91
87	82	0.0238	47.03	87	32	0.0038	25.03	86	37	0.0046	25.71
87	81	0.0230	46.16	86	86	0.0272	50.52	86	36	0.0044	25.51
87	80	0.0222	45.32	86	85	0.0263	49.54	86	35	0.0043	25.32
87	79	0.0215	44.51	86	84	0.0254	48.59	86	34	0.0041	25.14
87	78	0.0208	43.72	86	83	0.0246	47.67	86	33	0.0039	24.96
87	77	0.0201	42.95	86	82	0.0238	46.78	86	32	0.0038	24.79
87	76	0.0194	42.21	86	81	0.0230	45.91	85	85	0.0263	49.29
87	75	0.0187	41.49	86	80	0.0222	45.07	85	84	0.0254	48.34
87	74	0.0181	40.79	86	79	0.0215	44.26	85	83	0.0246	47.42
87	73	0.0175	40.11	86	78	0.0208	43.47	85	82	0.0238	46.53
87	72	0.0169	39.46	86	77	0.0201	42.70	85	81	0.0230	45.66
87	71	0.0163	38.82	86	76	0.0194	41.96	85	80	0.0222	44.82
87	70	0.0158	38.20	86	75	0.0187	41.24	85	79	0.0215	44.01
87	69	0.0152	37.61	86	74	0.0181	40.54	85	78	0.0208	43.22
87	68	0.0147	37.03	86	73	0.0175	39.86	85	77	0.0201	42.45
87	67	0.0142	36.47	86	72	0.0169	39.21	85	76	0.0194	41.71
87	66	0.0137	35.93	86	71	0.0163	38.57	85	75	0.0187	40.99
87	65	0.0132	35.40	86	70	0.0158	37.96	85	74	0.0181	40.29

T_{db}	T_{dp}	ω	h	T_{db}	T_{dp}	ω	h	T_{db}	T_{dp}	ω	h
85	73	0.0175	39.62	84	76	0.0194	41.46	83	78	0.0208	42.72
85	72	0.0169	38.96	84	75	0.0187	40.74	83	77	0.0201	41.95
85	71	0.0163	38.33	84	74	0.0181	40.04	83	76	0.0194	41.21
85	70	0.0158	37.71	84	73	0.0175	39.37	83	75	0.0187	40.49
85	69	0.0152	37.11	84	72	0.0169	38.71	83	74	0.0181	39.80
85	68	0.0147	36.54	84	71	0.0163	38.08	83	73	0.0175	39.12
85	67	0.0142	35.98	84	70	0.0158	37.46	83	72	0.0169	38.47
85	66	0.0137	35.44	84	69	0.0152	36.87	83	71	0.0163	37.83
85	65	0.0132	34.91	84	68	0.0147	36.29	83	70	0.0158	37.22
85	64	0.0127	34.40	84	67	0.0142	35.73	83	69	0.0152	36.62
85	63	0.0123	33.91	84	66	0.0137	35.19	83	68	0.0147	36.04
85	62	0.0119	33.43	84	65	0.0132	34.66	83	67	0.0142	35.48
85	61	0.0114	32.97	84	64	0.0127	34.16	83	66	0.0137	34.94
85	60	0.0110	32.52	84	63	0.0123	33.66	83	65	0.0132	34.42
85	59	0.0106	32.09	84	62	0.0119	33.19	83	64	0.0127	33.91
85	58	0.0103	31.67	84	61	0.0114	32.73	83	63	0.0123	33.42
85	57	0.0099	31.27	84	60	0.0110	32.28	83	62	0.0119	32.94
85	56	0.0095	30.88	84	59	0.0106	31.85	83	61	0.0114	32.48
85	55	0.0092	30.50	84	58	0.0103	31.43	83	60	0.0110	32.03
85	54	0.0089	30.13	84	57	0.0099	31.02	83	59	0.0106	31.60
85	53	0.0085	29.78	84	56	0.0095	30.63	83	58	0.0103	31.18
85	52	0.0082	29.43	84	55	0.0092	30.25	83	57	0.0099	30.78
85	51	0.0079	29.10	84	54	0.0089	29.89	83	56	0.0095	30.39
85	50	0.0076	28.78	84	53	0.0085	29.53	83	55	0.0092	30.01
85	49	0.0073	28.47	84	52	0.0082	29.19	83	54	0.0089	29.64
85	48	0.0071	28.17	84	51	0.0079	28.86	83	53	0.0085	29.29
85	47	0.0068	27.88	84	50	0.0076	28.54	83	52	0.0082	28.94
85	46	0.0066	27.60	84	49	0.0073	28.23	83	51	0.0079	28.61
85	45	0.0063	27.33	84	48	0.0071	27.93	83	50	0.0076	28.29
85	44	0.0061	27.07	84	47	0.0068	27.64	83	49	0.0073	27.98
85	43	0.0058	26.81	84	46	0.0066	27.36	83	48	0.0071	27.68
85	42	0.0056	26.57	84	45	0.0063	27.08	83	47	0.0068	27.39
85	41	0.0054	26.33	84	44	0.0061	26.82	83	46	0.0066	27.11
85	40	0.0052	26.10	84	43	0.0058	26.57	83	45	0.0063	26.84
85	39	0.0050	25.88	84	42	0.0056	26.33	83	44	0.0061	26.58
85	38	0.0048	25.67	84	41	0.0054	26.09	83	43	0.0058	26.33
85	37	0.0046	25.47	84	40	0.0052	25.86	83	42	0.0056	26.08
85	36	0.0044	25.27	84	39	0.0050	25.64	83	41	0.0054	25.85
85	35	0.0043	25.08	84	38	0.0048	25.43	83	40	0.0052	25.62
85	34	0.0041	24.89	84	37	0.0046	25.22	83	39	0.0050	25.40
85	33	0.0039	24.72	84	36	0.0044	25.03	83	38	0.0048	25.19
85	32	0.0038	24.55	84	35	0.0043	24.84	83	37	0.0046	24.98
84	84	0.0254	48.09	84	34	0.0041	24.65	83	36	0.0044	24.79
84	83	0.0246	47.17	84	33	0.0039	24.47	83	35	0.0043	24.59
84	82	0.0238	46.28	84	32	0.0038	24.30	83	34	0.0041	24.41
84	81	0.0230	45.41	83	83	0.0246	46.92	83	33	0.0039	24.23
84	80	0.0222	44.57	83	82	0.0238	46.03	83	32	0.0038	24.06
84	79	0.0215	43.76	83	81	0.0230	45.16	82	82	0.0238	45.78
84	78	0.0208	42.97	83	80	0.0222	44.32	82	81	0.0230	44.91
84	77	0.0201	42.20	83	79	0.0215	43.51	82	80	0.0222	44.07

T_{db}	T_{dp}	ω	h	T_{db}	T_{dp}	ω	h	T_{db}	T_{dp}	ω	h
82	79	0.0215	43.26	81	79	0.0215	43.01	80	78	0.0208	41.97
82	78	0.0208	42.47	81	78	0.0208	42.22	80	77	0.0201	41.21
82	77	0.0201	41.70	81	77	0.0201	41.46	80	76	0.0194	40.47
82	76	0.0194	40.96	81	76	0.0194	40.71	80	75	0.0187	39.75
82	75	0.0187	40.24	81	75	0.0187	40.00	80	74	0.0181	39.05
82	74	0.0181	39.55	81	74	0.0181	39.30	80	73	0.0175	38.38
82	73	0.0175	38.87	81	73	0.0175	38.62	80	72	0.0169	37.72
82	72	0.0169	38.22	81	72	0.0169	37.97	80	71	0.0163	37.09
82	71	0.0163	37.58	81	71	0.0163	37.34	80	70	0.0158	36.48
82	70	0.0158	36.97	81	70	0.0158	36.72	80	69	0.0152	35.88
82	69	0.0152	36.37	81	69	0.0152	36.13	80	68	0.0147	35.30
82	68	0.0147	35.80	81	68	0.0147	35.55	80	67	0.0142	34.75
82	67	0.0142	35.24	81	67	0.0142	34.99	80	66	0.0137	34.20
82	66	0.0137	34.70	81	66	0.0137	34.45	80	65	0.0132	33.68
82	65	0.0132	34.17	81	65	0.0132	33.93	80	64	0.0127	33.17
82	64	0.0127	33.67	81	64	0.0127	33.42	80	63	0.0123	32.68
82	63	0.0123	33.17	81	63	0.0123	32.93	80	62	0.0119	32.21
82	62	0.0119	32.70	81	62	0.0119	32.45	80	61	0.0114	31.75
82	61	0.0114	32.24	81	61	0.0114	31.99	80	60	0.0110	31.30
82	60	0.0110	31.79	81	60	0.0110	31.55	80	59	0.0106	30.87
82	59	0.0106	31.36	81	59	0.0106	31.11	80	58	0.0103	30.45
82	58	0.0103	30.94	81	58	0.0103	30.70	80	57	0.0099	30.05
82	57	0.0099	30.54	81	57	0.0099	30.29	80	56	0.0095	29.66
82	56	0.0095	30.14	81	56	0.0095	29.90	80	55	0.0092	29.28
82	55	0.0092	29.76	81	55	0.0092	29.52	80	54	0.0089	28.91
82	54	0.0089	29.40	81	54	0.0089	29.15	80	53	0.0085	28.56
82	53	0.0085	29.04	81	53	0.0085	28.80	80	52	0.0082	28.21
82	52	0.0082	28.70	81	52	0.0082	28.46	80	51	0.0079	27.88
82	51	0.0079	28.37	81	51	0.0079	28.13	80	50	0.0076	27.56
82	50	0.0076	28.05	81	50	0.0076	27.81	80	49	0.0073	27.25
82	49	0.0073	27.74	81	49	0.0073	27.50	80	48	0.0071	26.95
82	48	0.0071	27.44	81	48	0.0071	27.20	80	47	0.0068	26.66
82	47	0.0068	27.15	81	47	0.0068	26.91	80	46	0.0066	26.38
82	46	0.0066	26.87	81	46	0.0066	26.63	80	45	0.0063	26.11
82	45	0.0063	26.60	81	45	0.0063	26.36	80	44	0.0061	25.85
82	44	0.0061	26.34	81	44	0.0061	26.09	80	43	0.0058	25.60
82	43	0.0058	26.08	81	43	0.0058	25.84	80	42	0.0056	25.36
82	42	0.0056	25.84	81	42	0.0056	25.60	80	41	0.0054	25.12
82	41	0.0054	25.60	81	41	0.0054	25.36	80	40	0.0052	24.89
82	40	0.0052	25.38	81	40	0.0052	25.14	80	39	0.0050	24.67
82	39	0.0050	25.16	81	39	0.0050	24.92	80	38	0.0048	24.46
82	38	0.0048	24.95	81	38	0.0048	24.70	80	37	0.0046	24.26
82	37	0.0046	24.74	81	37	0.0046	24.50	80	36	0.0044	24.06
82	36	0.0044	24.54	81	36	0.0044	24.30	80	35	0.0043	23.87
82	35	0.0043	24.35	81	35	0.0043	24.11	80	34	0.0041	23.68
82	34	0.0041	24.17	81	34	0.0041	23.93	80	33	0.0039	23.51
82	33	0.0039	23.99	81	33	0.0039	23.75	80	32	0.0038	23.34
82	32	0.0038	23.82	81	32	0.0038	23.58	79	79	0.0215	42.51
81	81	0.0230	44.66	80	80	0.0222	43.57	79	78	0.0208	41.72
81	80	0.0222	43.82	80	79	0.0215	42.76	79	77	0.0201	40.96

T_{db}	T_{dp}	ω	h	T_{db}	T_{dp}	ω	h	T_{db}	T_{dp}	ω	h
79	76	0.0194	40.22	78	73	0.0175	37.88	77	69	0.0152	35.14
79	75	0.0187	39.50	78	72	0.0169	37.23	77	68	0.0147	34.56
79	74	0.0181	38.80	78	71	0.0163	36.59	77	67	0.0142	34.01
79	73	0.0175	38.13	78	70	0.0158	35.98	77	66	0.0137	33.47
79	72	0.0169	37.48	78	69	0.0152	35.39	77	65	0.0132	32.94
79	71	0.0163	36.84	78	68	0.0147	34.81	77	64	0.0127	32.44
79	70	0.0158	36.23	78	67	0.0142	34.25	77	63	0.0123	31.95
79	69	0.0152	35.63	78	66	0.0137	33.71	77	62	0.0119	31.47
79	68	0.0147	35.06	78	65	0.0132	33.19	77	61	0.0114	31.01
79	67	0.0142	34.50	78	64	0.0127	32.68	77	60	0.0110	30.57
79	66	0.0137	33.96	78	63	0.0123	32.19	77	59	0.0106	30.13
79	65	0.0132	33.44	78	62	0.0119	31.72	77	58	0.0103	29.72
79	64	0.0127	32.93	78	61	0.0114	31.26	77	57	0.0099	29.31
79	63	0.0123	32.44	78	60	0.0110	30.81	77	56	0.0095	28.92
79	62	0.0119	31.96	78	59	0.0106	30.38	77	55	0.0092	28.54
79	61	0.0114	31.50	78	58	0.0103	29.96	77	54	0.0089	28.18
79	60	0.0110	31.06	78	57	0.0099	29.56	77	53	0.0085	27.82
79	59	0.0106	30.62	78	56	0.0095	29.17	77	52	0.0082	27.48
79	58	0.0103	30.21	78	55	0.0092	28.79	77	51	0.0079	27.15
79	57	0.0099	29.80	78	54	0.0089	28.42	77	50	0.0076	26.83
79	56	0.0095	29.41	78	53	0.0085	28.07	77	49	0.0073	26.52
79	55	0.0092	29.03	78	52	0.0082	27.73	77	48	0.0071	26.22
79	54	0.0089	28.67	78	51	0.0079	27.40	77	47	0.0068	25.93
79	53	0.0085	28.31	78	50	0.0076	27.08	77	46	0.0066	25.65
79	52	0.0082	27.97	78	49	0.0073	26.77	77	45	0.0063	25.38
79	51	0.0079	27.64	78	48	0.0071	26.47	77	44	0.0061	25.12
79	50	0.0076	27.32	78	47	0.0068	26.18	77	43	0.0058	24.87
79	49	0.0073	27.01	78	46	0.0066	25.90	77	42	0.0056	24.63
79	48	0.0071	26.71	78	45	0.0063	25.63	77	41	0.0054	24.39
79	47	0.0068	26.42	78	44	0.0061	25.37	77	40	0.0052	24.17
79	46	0.0066	26.14	78	43	0.0058	25.11	77	39	0.0050	23.95
79	45	0.0063	25.87	78	42	0.0056	24.87	77	38	0.0048	23.73
79	44	0.0061	25.61	78	41	0.0054	24.64	77	37	0.0046	23.53
79	43	0.0058	25.36	78	40	0.0052	24.41	77	36	0.0044	23.33
79	42	0.0056	25.11	78	39	0.0050	24.19	77	35	0.0043	23.14
79	41	0.0054	24.88	78	38	0.0048	23.98	77	34	0.0041	22.96
79	40	0.0052	24.65	78	37	0.0046	23.77	77	33	0.0039	22.78
79	39	0.0050	24.43	78	36	0.0044	23.58	77	32	0.0038	22.61
79	38	0.0048	24.22	78	35	0.0043	23.39	76	76	0.0194	39.47
79	37	0.0046	24.01	78	34	0.0041	23.20	76	75	0.0187	38.75
79	36	0.0044	23.82	78	33	0.0039	23.02	76	74	0.0181	38.06
79	35	0.0043	23.63	78	32	0.0038	22.85	76	73	0.0175	37.39
79	34	0.0041	23.44	77	77	0.0201	40.46	76	72	0.0169	36.73
79	33	0.0039	23.27	77	76	0.0194	39.72	76	71	0.0163	36.10
79	32	0.0038	23.09	77	75	0.0187	39.00	76	70	0.0158	35.49
78	78	0.0208	41.47	77	74	0.0181	38.31	76	69	0.0152	34.89
78	77	0.0201	40.71	77	73	0.0175	37.63	76	68	0.0147	34.32
78	76	0.0194	39.97	77	72	0.0169	36.98	76	67	0.0142	33.76
78	75	0.0187	39.25	77	71	0.0163	36.35	76	66	0.0137	33.22
78	74	0.0181	38.56	77	70	0.0158	35.73	76	65	0.0132	32.70

T_{db}	T_{dp}	ω	h	T_{db}	T_{dp}	ω	h	T_{db}	T_{dp}	ω	h
76	64	0.0127	32.19	75	58	0.0103	29.23	74	51	0.0079	26.42
76	63	0.0123	31.70	75	57	0.0099	28.82	74	50	0.0076	26.10
76	62	0.0119	31.23	75	56	0.0095	28.43	74	49	0.0073	25.79
76	61	0.0114	30.77	75	55	0.0092	28.06	74	48	0.0071	25.49
76	60	0.0110	30.32	75	54	0.0089	27.69	74	47	0.0068	25.20
76	59	0.0106	29.89	75	53	0.0085	27.34	74	46	0.0066	24.93
76	58	0.0103	29.47	75	52	0.0082	27.00	74	45	0.0063	24.66
76	57	0.0099	29.07	75	51	0.0079	26.66	74	44	0.0061	24.40
76	56	0.0095	28.68	75	50	0.0076	26.34	74	43	0.0058	24.14
76	55	0.0092	28.30	75	49	0.0073	26.04	74	42	0.0056	23.90
76	54	0.0089	27.93	75	48	0.0071	25.74	74	41	0.0054	23.67
76	53	0.0085	27.58	75	47	0.0068	25.45	74	40	0.0052	23.44
76	52	0.0082	27.24	75	46	0.0066	25.17	74	39	0.0050	23.22
76	51	0.0079	26.91	75	45	0.0063	24.90	74	38	0.0048	23.01
76	50	0.0076	26.59	75	44	0.0061	24.64	74	37	0.0046	22.80
76	49	0.0073	26.28	75	43	0.0058	24.39	74	36	0.0044	22.61
76	48	0.0071	25.98	75	42	0.0056	24.14	74	35	0.0043	22.42
76	47	0.0068	25.69	75	41	0.0054	23.91	74	34	0.0041	22.23
76	46	0.0066	25.41	75	40	0.0052	23.68	74	33	0.0039	22.06
76	45	0.0063	25.14	75	39	0.0050	23.46	74	32	0.0038	21.89
76	44	0.0061	24.88	75	38	0.0048	23.25	73	73	0.0175	36.64
76	43	0.0058	24.63	75	37	0.0046	23.05	73	72	0.0169	35.99
76	42	0.0056	24.39	75	36	0.0044	22.85	73	71	0.0163	35.36
76	41	0.0054	24.15	75	35	0.0043	22.66	73	70	0.0158	34.75
76	40	0.0052	23.92	75	34	0.0041	22.48	73	69	0.0152	34.15
76	39	0.0050	23.70	75	33	0.0039	22.30	73	68	0.0147	33.58
76	38	0.0048	23.49	75	32	0.0038	22.13	73	67	0.0142	33.02
76	37	0.0046	23.29	74	74	0.0181	37.56	73	66	0.0137	32.48
76	36	0.0044	23.09	74	73	0.0175	36.89	73	65	0.0132	31.96
76	35	0.0043	22.90	74	72	0.0169	36.24	73	64	0.0127	31.45
76	34	0.0041	22.72	74	71	0.0163	35.61	73	63	0.0123	30.96
76	33	0.0039	22.54	74	70	0.0158	34.99	73	62	0.0119	30.49
76	32	0.0038	22.37	74	69	0.0152	34.40	73	61	0.0114	30.03
75	75	0.0187	38.51	74	68	0.0147	33.82	73	60	0.0110	29.59
75	74	0.0181	37.81	74	67	0.0142	33.27	73	59	0.0106	29.16
75	73	0.0175	37.14	74	66	0.0137	32.73	73	58	0.0103	28.74
75	72	0.0169	36.49	74	65	0.0132	32.21	73	57	0.0099	28.34
75	71	0.0163	35.85	74	64	0.0127	31.70	73	56	0.0095	27.95
75	70	0.0158	35.24	74	63	0.0123	31.21	73	55	0.0092	27.57
75	69	0.0152	34.65	74	62	0.0119	30.74	73	54	0.0089	27.20
75	68	0.0147	34.07	74	61	0.0114	30.28	73	53	0.0085	26.85
75	67	0.0142	33.51	74	60	0.0110	29.83	73	52	0.0082	26.51
75	66	0.0137	32.97	74	59	0.0106	29.40	73	51	0.0079	26.18
75	65	0.0132	32.45	74	58	0.0103	28.98	73	50	0.0076	25.86
75	64	0.0127	31.95	74	57	0.0099	28.58	73	49	0.0073	25.55
75	63	0.0123	31.46	74	56	0.0095	28.19	73	48	0.0071	25.25
75	62	0.0119	30.98	74	55	0.0092	27.81	73	47	0.0068	24.96
75	61	0.0114	30.52	74	54	0.0089	27.45	73	46	0.0066	24.68
75	60	0.0110	30.08	74	53	0.0085	27.09	73	45	0.0063	24.41
75	59	0.0106	29.64	74	52	0.0082	26.75	73	44	0.0061	24.15

T_{db}	T_{dp}	ω	h	T_{db}	T_{dp}	ω	h	T_{db}	T_{dp}	ω	h
73	43	0.0058	23.90	72	34	0.0041	21.75	70	63	0.0123	30.23
73	42	0.0056	23.66	72	33	0.0039	21.57	70	62	0.0119	29.75
73	41	0.0054	23.42	72	32	0.0038	21.40	70	61	0.0114	29.30
73	40	0.0052	23.20	71	71	0.0163	34.86	70	60	0.0110	28.85
73	39	0.0050	22.98	71	70	0.0158	34.25	70	59	0.0106	28.42
73	38	0.0048	22.77	71	69	0.0152	33.66	70	58	0.0103	28.01
73	37	0.0046	22.56	71	68	0.0147	33.09	70	57	0.0099	27.60
73	36	0.0044	22.37	71	67	0.0142	32.53	70	56	0.0095	27.21
73	35	0.0043	22.18	71	66	0.0137	31.99	70	55	0.0092	26.84
73	34	0.0041	21.99	71	65	0.0132	31.47	70	54	0.0089	26.47
73	33	0.0039	21.82	71	64	0.0127	30.96	70	53	0.0085	26.12
73	32	0.0038	21.64	71	63	0.0123	30.47	70	52	0.0082	25.78
72	72	0.0169	35.74	71	62	0.0119	30.00	70	51	0.0079	25.45
72	71	0.0163	35.11	71	61	0.0114	29.54	70	50	0.0076	25.13
72	70	0.0158	34.50	71	60	0.0110	29.10	70	49	0.0073	24.82
72	69	0.0152	33.91	71	59	0.0106	28.67	70	48	0.0071	24.52
72	68	0.0147	33.33	71	58	0.0103	28.25	70	47	0.0068	24.23
72	67	0.0142	32.78	71	57	0.0099	27.85	70	46	0.0066	23.95
72	66	0.0137	32.24	71	56	0.0095	27.46	70	45	0.0063	23.68
72	65	0.0132	31.71	71	55	0.0092	27.08	70	44	0.0061	23.42
72	64	0.0127	31.21	71	54	0.0089	26.72	70	43	0.0058	23.17
72	63	0.0123	30.72	71	53	0.0085	26.36	70	42	0.0056	22.93
72	62	0.0119	30.24	71	52	0.0082	26.02	70	41	0.0054	22.70
72	61	0.0114	29.79	71	51	0.0079	25.69	70	40	0.0052	22.47
72	60	0.0110	29.34	71	50	0.0076	25.37	70	39	0.0050	22.25
72	59	0.0106	28.91	71	49	0.0073	25.06	70	38	0.0048	22.04
72	58	0.0103	28.49	71	48	0.0071	24.76	70	37	0.0046	21.84
72	57	0.0099	28.09	71	47	0.0068	24.48	70	36	0.0044	21.64
72	56	0.0095	27.70	71	46	0.0066	24.20	70	35	0.0043	21.45
72	55	0.0092	27.32	71	45	0.0063	23.93	70	34	0.0041	21.27
72	54	0.0089	26.96	71	44	0.0061	23.67	70	33	0.0039	21.09
72	53	0.0085	26.61	71	43	0.0058	23.42	70	32	0.0038	20.92
72	52	0.0082	26.26	71	42	0.0056	23.17	69	69	0.0152	33.17
72	51	0.0079	25.93	71	41	0.0054	22.94	69	68	0.0147	32.59
72	50	0.0076	25.61	71	40	0.0052	22.71	69	67	0.0142	32.04
72	49	0.0073	25.31	71	39	0.0050	22.49	69	66	0.0137	31.50
72	48	0.0071	25.01	71	38	0.0048	22.28	69	65	0.0132	30.98
72	47	0.0068	24.72	71	37	0.0046	22.08	69	64	0.0127	30.47
72	46	0.0066	24.44	71	36	0.0044	21.88	69	63	0.0123	29.98
72	45	0.0063	24.17	71	35	0.0043	21.69	69	62	0.0119	29.51
72	44	0.0061	23.91	71	34	0.0041	21.51	69	61	0.0114	29.05
72	43	0.0058	23.66	71	33	0.0039	21.33	69	60	0.0110	28.61
72	42	0.0056	23.42	71	32	0.0038	21.16	69	59	0.0106	28.18
72	41	0.0054	23.18	70	70	0.0158	34.01	69	58	0.0103	27.76
72	40	0.0052	22.95	70	69	0.0152	33.41	69	57	0.0099	27.36
72	39	0.0050	22.74	70	68	0.0147	32.84	69	56	0.0095	26.97
72	38	0.0048	22.52	70	67	0.0142	32.28	69	55	0.0092	26.59
72	37	0.0046	22.32	70	66	0.0137	31.74	69	54	0.0089	26.23
72	36	0.0044	22.12	70	65	0.0132	31.22	69	53	0.0085	25.87
72	35	0.0043	21.93	70	64	0.0127	30.72	69	52	0.0082	25.53

T_{db}	T_{dp}	ω	h	T_{db}	T_{dp}	ω	h	T_{db}	T_{dp}	ω	h
69	51	0.0079	25.20	68	38	0.0048	21.56	66	59	0.0106	27.44
69	50	0.0076	24.88	68	37	0.0046	21.35	66	58	0.0103	27.03
69	49	0.0073	24.58	68	36	0.0044	21.16	66	57	0.0099	26.62
69	48	0.0071	24.28	68	35	0.0043	20.97	66	56	0.0095	26.24
69	47	0.0068	23.99	68	34	0.0041	20.78	66	55	0.0092	25.86
69	46	0.0066	23.71	68	33	0.0039	20.61	66	54	0.0089	25.50
69	45	0.0063	23.44	68	32	0.0038	20.44	66	53	0.0085	25.14
69	44	0.0061	23.18	67	67	0.0142	31.54	66	52	0.0082	24.80
69	43	0.0058	22.93	67	66	0.0137	31.01	66	51	0.0079	24.47
69	42	0.0056	22.69	67	65	0.0132	30.48	66	50	0.0076	24.15
69	41	0.0054	22.45	67	64	0.0127	29.98	66	49	0.0073	23.85
69	40	0.0052	22.23	67	63	0.0123	29.49	66	48	0.0071	23.55
69	39	0.0050	22.01	67	62	0.0119	29.02	66	47	0.0068	23.26
69	38	0.0048	21.80	67	61	0.0114	28.56	66	46	0.0066	22.98
69	37	0.0046	21.59	67	60	0.0110	28.12	66	45	0.0063	22.71
69	36	0.0044	21.40	67	59	0.0106	27.69	66	44	0.0061	22.45
69	35	0.0043	21.21	67	58	0.0103	27.27	66	43	0.0058	22.20
69	34	0.0041	21.02	67	57	0.0099	26.87	66	42	0.0056	21.96
69	33	0.0039	20.85	67	56	0.0095	26.48	66	41	0.0054	21.73
69	32	0.0038	20.68	67	55	0.0092	26.10	66	40	0.0052	21.50
68	68	0.0147	32.35	67	54	0.0089	25.74	66	39	0.0050	21.28
68	67	0.0142	31.79	67	53	0.0085	25.39	66	38	0.0048	21.07
68	66	0.0137	31.25	67	52	0.0082	25.05	66	37	0.0046	20.87
68	65	0.0132	30.73	67	51	0.0079	24.72	66	36	0.0044	20.67
68	64	0.0127	30.23	67	50	0.0076	24.40	66	35	0.0043	20.48
68	63	0.0123	29.74	67	49	0.0073	24.09	66	34	0.0041	20.30
68	62	0.0119	29.26	67	48	0.0071	23.79	66	33	0.0039	20.12
68	61	0.0114	28.81	67	47	0.0068	23.50	66	32	0.0038	19.95
68	60	0.0110	28.36	67	46	0.0066	23.23	65	65	0.0132	29.99
68	59	0.0106	27.93	67	45	0.0063	22.96	65	64	0.0127	29.49
68	58	0.0103	27.52	67	44	0.0061	22.70	65	63	0.0123	29.00
68	57	0.0099	27.11	67	43	0.0058	22.45	65	62	0.0119	28.53
68	56	0.0095	26.72	67	42	0.0056	22.20	65	61	0.0114	28.07
68	55	0.0092	26.35	67	41	0.0054	21.97	65	60	0.0110	27.63
68	54	0.0089	25.98	67	40	0.0052	21.74	65	59	0.0106	27.20
68	53	0.0085	25.63	67	39	0.0050	21.52	65	58	0.0103	26.78
68	52	0.0082	25.29	67	38	0.0048	21.31	65	57	0.0099	26.38
68	51	0.0079	24.96	67	37	0.0046	21.11	65	56	0.0095	25.99
68	50	0.0076	24.64	67	36	0.0044	20.91	65	55	0.0092	25.62
68	49	0.0073	24.33	67	35	0.0043	20.72	65	54	0.0089	25.25
68	48	0.0071	24.03	67	34	0.0041	20.54	65	53	0.0085	24.90
68	47	0.0068	23.75	67	33	0.0039	20.36	65	52	0.0082	24.56
68	46	0.0066	23.47	67	32	0.0038	20.19	65	51	0.0079	24.23
68	45	0.0063	23.20	66	66	0.0137	30.76	65	50	0.0076	23.91
68	44	0.0061	22.94	66	65	0.0132	30.24	65	49	0.0073	23.60
68	43	0.0058	22.69	66	64	0.0127	29.73	65	48	0.0071	23.31
68	42	0.0056	22.45	66	63	0.0123	29.25	65	47	0.0068	23.02
68	41	0.0054	22.21	66	62	0.0119	28.77	65	46	0.0066	22.74
68	40	0.0052	21.99	66	61	0.0114	28.31	65	45	0.0063	22.47
68	39	0.0050	21.77	66	60	0.0110	27.87	65	44	0.0061	22.21

T_{db}	T_{dp}	ω	h	T_{db}	T_{dp}	ω	h	T_{db}	T_{dp}	ω	h
65	43	0.0058	21.96	63	58	0.0103	26.29	62	39	0.0050	20.31
65	42	0.0056	21.72	63	57	0.0099	25.89	62	38	0.0048	20.10
65	41	0.0054	21.48	63	56	0.0095	25.50	62	37	0.0046	19.90
65	40	0.0052	21.26	63	55	0.0092	25.13	62	36	0.0044	19.70
65	39	0.0050	21.04	63	54	0.0089	24.76	62	35	0.0043	19.51
65	38	0.0048	20.83	63	53	0.0085	24.41	62	34	0.0041	19.33
65	37	0.0046	20.63	63	52	0.0082	24.07	62	33	0.0039	19.16
65	36	0.0044	20.43	63	51	0.0079	23.74	62	32	0.0038	18.99
65	35	0.0043	20.24	63	50	0.0076	23.42	61	61	0.0114	27.09
65	34	0.0041	20.06	63	49	0.0073	23.12	61	60	0.0110	26.65
65	33	0.0039	19.88	63	48	0.0071	22.82	61	59	0.0106	26.22
65	32	0.0038	19.71	63	47	0.0068	22.53	61	58	0.0103	25.80
64	64	0.0127	29.24	63	46	0.0066	22.25	61	57	0.0099	25.40
64	63	0.0123	28.75	63	45	0.0063	21.99	61	56	0.0095	25.01
64	62	0.0119	28.28	63	44	0.0061	21.73	61	55	0.0092	24.64
64	61	0.0114	27.82	63	43	0.0058	21.48	61	54	0.0089	24.28
64	60	0.0110	27.38	63	42	0.0056	21.23	61	53	0.0085	23.92
64	59	0.0106	26.95	63	41	0.0054	21.00	61	52	0.0082	23.58
64	58	0.0103	26.54	63	40	0.0052	20.77	61	51	0.0079	23.26
64	57	0.0099	26.14	63	39	0.0050	20.56	61	50	0.0076	22.94
64	56	0.0095	25.75	63	38	0.0048	20.35	61	49	0.0073	22.63
64	55	0.0092	25.37	63	37	0.0046	20.14	61	48	0.0071	22.33
64	54	0.0089	25.01	63	36	0.0044	19.95	61	47	0.0068	22.05
64	53	0.0085	24.66	63	35	0.0043	19.76	61	46	0.0066	21.77
64	52	0.0082	24.32	63	34	0.0041	19.57	61	45	0.0063	21.50
64	51	0.0079	23.99	63	33	0.0039	19.40	61	44	0.0061	21.24
64	50	0.0076	23.67	63	32	0.0038	19.23	61	43	0.0058	20.99
64	49	0.0073	23.36	62	62	0.0119	27.79	61	42	0.0056	20.75
64	48	0.0071	23.06	62	61	0.0114	27.33	61	41	0.0054	20.51
64	47	0.0068	22.77	62	60	0.0110	26.89	61	40	0.0052	20.29
64	46	0.0066	22.50	62	59	0.0106	26.46	61	39	0.0050	20.07
64	45	0.0063	22.23	62	58	0.0103	26.05	61	38	0.0048	19.86
64	44	0.0061	21.97	62	57	0.0099	25.65	61	37	0.0046	19.66
64	43	0.0058	21.72	62	56	0.0095	25.26	61	36	0.0044	19.46
64	42	0.0056	21.48	62	55	0.0092	24.88	61	35	0.0043	19.27
64	41	0.0054	21.24	62	54	0.0089	24.52	61	34	0.0041	19.09
64	40	0.0052	21.02	62	53	0.0085	24.17	61	33	0.0039	18.91
64	39	0.0050	20.80	62	52	0.0082	23.83	61	32	0.0038	18.74
64	38	0.0048	20.59	62	51	0.0079	23.50	60	60	0.0110	26.40
64	37	0.0046	20.38	62	50	0.0076	23.18	60	59	0.0106	25.97
64	36	0.0044	20.19	62	49	0.0073	22.87	60	58	0.0103	25.56
64	35	0.0043	20.00	62	48	0.0071	22.58	60	57	0.0099	25.16
64	34	0.0041	19.82	62	47	0.0068	22.29	60	56	0.0095	24.77
64	33	0.0039	19.64	62	46	0.0066	22.01	60	55	0.0092	24.39
64	32	0.0038	19.47	62	45	0.0063	21.74	60	54	0.0089	24.03
63	63	0.0123	28.51	62	44	0.0061	21.48	60	53	0.0085	23.68
63	62	0.0119	28.04	62	43	0.0058	21.23	60	52	0.0082	23.34
63	61	0.0114	27.58	62	42	0.0056	20.99	60	51	0.0079	23.01
63	60	0.0110	27.14	62	41	0.0054	20.76	60	50	0.0076	22.69
63	59	0.0106	26.71	62	40	0.0052	20.53	60	49	0.0073	22.39

T_{db}	T_{dp}	ω	h	T_{db}	T_{dp}	ω	h	T_{db}	T_{dp}	ω	h
60	48	0.0071	22.09	58	53	0.0085	23.19	56	54	0.0089	23.06
60	47	0.0068	21.80	58	52	0.0082	22.85	56	53	0.0085	22.71
60	46	0.0066	21.53	58	51	0.0079	22.52	56	52	0.0082	22.37
60	45	0.0063	21.26	58	50	0.0076	22.21	56	51	0.0079	22.04
60	44	0.0061	21.00	58	49	0.0073	21.90	56	50	0.0076	21.72
60	43	0.0058	20.75	58	48	0.0071	21.60	56	49	0.0073	21.41
60	42	0.0056	20.51	58	47	0.0068	21.32	56	48	0.0071	21.12
60	41	0.0054	20.27	58	46	0.0066	21.04	56	47	0.0068	20.83
60	40	0.0052	20.05	58	45	0.0063	20.77	56	46	0.0066	20.55
60	39	0.0050	19.83	58	44	0.0061	20.51	56	45	0.0063	20.29
60	38	0.0048	19.62	58	43	0.0058	20.26	56	44	0.0061	20.03
60	37	0.0046	19.42	58	42	0.0056	20.02	56	43	0.0058	19.78
60	36	0.0044	19.22	58	41	0.0054	19.79	56	42	0.0056	19.54
60	35	0.0043	19.03	58	40	0.0052	19.56	56	41	0.0054	19.30
60	34	0.0041	18.85	58	39	0.0050	19.34	56	40	0.0052	19.08
60	33	0.0039	18.67	58	38	0.0048	19.13	56	39	0.0050	18.86
60	32	0.0038	18.50	58	37	0.0046	18.93	56	38	0.0048	18.65
59	59	0.0106	25.73	58	36	0.0044	18.74	56	37	0.0046	18.45
59	58	0.0103	25.31	58	35	0.0043	18.55	56	36	0.0044	18.25
59	57	0.0099	24.91	58	34	0.0041	18.36	56	35	0.0043	18.06
59	56	0.0095	24.53	58	33	0.0039	18.19	56	34	0.0041	17.88
59	55	0.0092	24.15	58	32	0.0038	18.02	56	33	0.0039	17.71
59	54	0.0089	23.79	57	57	0.0099	24.43	56	32	0.0038	17.54
59	53	0.0085	23.44	57	56	0.0095	24.04	55	55	0.0092	23.17
59	52	0.0082	23.10	57	55	0.0092	23.66	55	54	0.0089	22.81
59	51	0.0079	22.77	57	54	0.0089	23.30	55	53	0.0085	22.46
59	50	0.0076	22.45	57	53	0.0085	22.95	55	52	0.0082	22.12
59	49	0.0073	22.14	57	52	0.0082	22.61	55	51	0.0079	21.79
59	48	0.0071	21.85	57	51	0.0079	22.28	55	50	0.0076	21.48
59	47	0.0068	21.56	57	50	0.0076	21.96	55	49	0.0073	21.17
59	46	0.0066	21.28	57	49	0.0073	21.66	55	48	0.0071	20.87
59	45	0.0063	21.01	57	48	0.0071	21.36	55	47	0.0068	20.59
59	44	0.0061	20.76	57	47	0.0068	21.07	55	46	0.0066	20.31
59	43	0.0058	20.50	57	46	0.0066	20.80	55	45	0.0063	20.04
59	42	0.0056	20.26	57	45	0.0063	20.53	55	44	0.0061	19.78
59	41	0.0054	20.03	57	44	0.0061	20.27	55	43	0.0058	19.53
59	40	0.0052	19.80	57	43	0.0058	20.02	55	42	0.0056	19.29
59	39	0.0050	19.59	57	42	0.0056	19.78	55	41	0.0054	19.06
59	38	0.0048	19.38	57	41	0.0054	19.54	55	40	0.0052	18.84
59	37	0.0046	19.17	57	40	0.0052	19.32	55	39	0.0050	18.62
59	36	0.0044	18.98	57	39	0.0050	19.10	55	38	0.0048	18.41
59	35	0.0043	18.79	57	38	0.0048	18.89	55	37	0.0046	18.21
59	34	0.0041	18.61	57	37	0.0046	18.69	55	36	0.0044	18.01
59	33	0.0039	18.43	57	36	0.0044	18.49	55	35	0.0043	17.82
59	32	0.0038	18.26	57	35	0.0043	18.31	55	34	0.0041	17.64
58	58	0.0103	25.07	57	34	0.0041	18.12	55	33	0.0039	17.46
58	57	0.0099	24.67	57	33	0.0039	17.95	55	32	0.0038	17.29
58	56	0.0095	24.28	57	32	0.0038	17.78	54	54	0.0089	22.57
58	55	0.0092	23.91	56	56	0.0095	23.79	54	53	0.0085	22.22
58	54	0.0089	23.54	56	55	0.0092	23.42	54	52	0.0082	21.88

T_{db}	T_{dp}	ω	h	T_{db}	T_{dp}	ω	h	T_{db}	T_{dp}	ω	h
54	51	0.0079	21.55	52	44	0.0061	19.06	50	33	0.0039	16.26
54	50	0.0076	21.23	52	43	0.0058	18.81	50	32	0.0038	16.09
54	49	0.0073	20.93	52	42	0.0056	18.57	49	49	0.0073	19.71
54	48	0.0071	20.63	52	41	0.0054	18.33	49	48	0.0071	19.42
54	47	0.0068	20.34	52	40	0.0052	18.11	49	47	0.0068	19.13
54	46	0.0066	20.07	52	39	0.0050	17.89	49	46	0.0066	18.85
54	45	0.0063	19.80	52	38	0.0048	17.68	49	45	0.0063	18.59
54	44	0.0061	19.54	52	37	0.0046	17.48	49	44	0.0061	18.33
54	43	0.0058	19.29	52	36	0.0044	17.28	49	43	0.0058	18.08
54	42	0.0056	19.05	52	35	0.0043	17.10	49	42	0.0056	17.84
54	41	0.0054	18.82	52	34	0.0041	16.91	49	41	0.0054	17.61
54	40	0.0052	18.59	52	33	0.0039	16.74	49	40	0.0052	17.38
54	39	0.0050	18.38	52	32	0.0038	16.57	49	39	0.0050	17.16
54	38	0.0048	18.17	51	51	0.0079	20.82	49	38	0.0048	16.96
54	37	0.0046	17.96	51	50	0.0076	20.50	49	37	0.0046	16.75
54	36	0.0044	17.77	51	49	0.0073	20.20	49	36	0.0044	16.56
54	35	0.0043	17.58	51	48	0.0071	19.90	49	35	0.0043	16.37
54	34	0.0041	17.40	51	47	0.0068	19.62	49	34	0.0041	16.19
54	33	0.0039	17.22	51	46	0.0066	19.34	49	33	0.0039	16.01
54	32	0.0038	17.05	51	45	0.0063	19.07	49	32	0.0038	15.84
53	53	0.0085	21.97	51	44	0.0061	18.81	48	48	0.0071	19.17
53	52	0.0082	21.63	51	43	0.0058	18.56	48	47	0.0068	18.89
53	51	0.0079	21.31	51	42	0.0056	18.32	48	46	0.0066	18.61
53	50	0.0076	20.99	51	41	0.0054	18.09	48	45	0.0063	18.34
53	49	0.0073	20.68	51	40	0.0052	17.87	48	44	0.0061	18.09
53	48	0.0071	20.39	51	39	0.0050	17.65	48	43	0.0058	17.84
53	47	0.0068	20.10	51	38	0.0048	17.44	48	42	0.0056	17.60
53	46	0.0066	19.82	51	37	0.0046	17.24	48	41	0.0054	17.36
53	45	0.0063	19.56	51	36	0.0044	17.04	48	40	0.0052	17.14
53	44	0.0061	19.30	51	35	0.0043	16.85	48	39	0.0050	16.92
53	43	0.0058	19.05	51	34	0.0041	16.67	48	38	0.0048	16.71
53	42	0.0056	18.81	51	33	0.0039	16.50	48	37	0.0046	16.51
53	41	0.0054	18.58	51	32	0.0038	16.33	48	36	0.0044	16.32
53	40	0.0052	18.35	50	50	0.0076	20.26	48	35	0.0043	16.13
53	39	0.0050	18.13	50	49	0.0073	19.95	48	34	0.0041	15.95
53	38	0.0048	17.92	50	48	0.0071	19.66	48	33	0.0039	15.77
53	37	0.0046	17.72	50	47	0.0068	19.37	48	32	0.0038	15.60
53	36	0.0044	17.53	50	46	0.0066	19.10	47	47	0.0068	18.64
53	35	0.0043	17.34	50	45	0.0063	18.83	47	46	0.0066	18.37
53	34	0.0041	17.16	50	44	0.0061	18.57	47	45	0.0063	18.10
53	33	0.0039	16.98	50	43	0.0058	18.32	47	44	0.0061	17.84
53	32	0.0038	16.81	50	42	0.0056	18.08	47	43	0.0058	17.59
52	52	0.0082	21.39	50	41	0.0054	17.85	47	42	0.0056	17.35
52	51	0.0079	21.06	50	40	0.0052	17.62	47	41	0.0054	17.12
52	50	0.0076	20.75	50	39	0.0050	17.41	47	40	0.0052	16.90
52	49	0.0073	20.44	50	38	0.0048	17.20	47	39	0.0050	16.68
52	48	0.0071	20.14	50	37	0.0046	17.00	47	38	0.0048	16.47
52	47	0.0068	19.86	50	36	0.0044	16.80	47	37	0.0046	16.27
52	46	0.0066	19.58	50	35	0.0043	16.61	47	36	0.0044	16.07
52	45	0.0063	19.31	50	34	0.0041	16.43	47	35	0.0043	15.89

T_{db}	T_{dp}	ω	h	T_{db}	T_{dp}	ω	h	T_{db}	T_{dp}	ω	h
47	34	0.0041	15.70	43	38	0.0048	15.50	38	33	0.0039	13.35
47	33	0.0039	15.53	43	37	0.0046	15.30	38	32	0.0038	13.19
47	32	0.0038	15.36	43	36	0.0044	15.11	37	37	0.0046	13.85
46	46	0.0066	18.12	43	35	0.0043	14.92	37	36	0.0044	13.65
46	45	0.0063	17.86	43	34	0.0041	14.74	37	35	0.0043	13.47
46	44	0.0061	17.60	43	33	0.0039	14.56	37	34	0.0041	13.29
46	43	0.0058	17.35	43	32	0.0038	14.39	37	33	0.0039	13.11
46	42	0.0056	17.11	42	42	0.0056	16.14	37	32	0.0038	12.94
46	41	0.0054	16.88	42	41	0.0054	15.91	36	36	0.0044	13.41
46	40	0.0052	16.65	42	40	0.0052	15.69	36	35	0.0043	13.23
46	39	0.0050	16.44	42	39	0.0050	15.47	36	34	0.0041	13.04
46	38	0.0048	16.23	42	38	0.0048	15.26	36	33	0.0039	12.87
46	37	0.0046	16.03	42	37	0.0046	15.06	36	32	0.0038	12.70
46	36	0.0044	15.83	42	36	0.0044	14.86	35	35	0.0043	12.98
46	35	0.0043	15.64	42	35	0.0043	14.68	35	34	0.0041	12.80
46	34	0.0041	15.46	42	34	0.0041	14.50	35	33	0.0039	12.63
46	33	0.0039	15.29	42	33	0.0039	14.32	35	32	0.0038	12.46
46	32	0.0038	15.12	42	32	0.0038	14.15	34	34	0.0041	12.56
45	45	0.0063	17.61	41	41	0.0054	15.67	34	33	0.0039	12.39
45	44	0.0061	17.36	41	40	0.0052	15.44	34	32	0.0038	12.22
45	43	0.0058	17.11	41	39	0.0050	15.23	33	33	0.0039	12.15
45	42	0.0056	16.87	41	38	0.0048	15.02	33	32	0.0038	11.98
45	41	0.0054	16.64	41	37	0.0046	14.82	32	32	0.0038	11.74
45	40	0.0052	16.41	41	36	0.0044	14.62				
45	39	0.0050	16.20	41	35	0.0043	14.43				
45	38	0.0048	15.99	41	34	0.0041	14.25				
45	37	0.0046	15.78	41	33	0.0039	14.08				
45	36	0.0044	15.59	41	32	0.0038	13.91				
45	35	0.0043	15.40	40	40	0.0052	15.20				
45	34	0.0041	15.22	40	39	0.0050	14.98				
45	33	0.0039	15.05	40	38	0.0048	14.78				
45	32	0.0038	14.88	40	37	0.0046	14.57				
44	44	0.0061	17.11	40	36	0.0044	14.38				
44	43	0.0058	16.87	40	35	0.0043	14.19				
44	42	0.0056	16.63	40	34	0.0041	14.01				
44	41	0.0054	16.39	40	33	0.0039	13.84				
44	40	0.0052	16.17	40	32	0.0038	13.67				
44	39	0.0050	15.95	39	39	0.0050	14.74				
44	38	0.0048	15.74	39	38	0.0048	14.53				
44	37	0.0046	15.54	39	37	0.0046	14.33				
44	36	0.0044	15.35	39	36	0.0044	14.14				
44	35	0.0043	15.16	39	35	0.0043	13.95				
44	34	0.0041	14.98	39	34	0.0041	13.77				
44	33	0.0039	14.80	39	33	0.0039	13.60				
44	32	0.0038	14.64	39	32	0.0038	13.43				
43	43	0.0058	16.62	38	38	0.0048	14.29				
43	42	0.0056	16.38	38	37	0.0046	14.09				
43	41	0.0054	16.15	38	36	0.0044	13.90				
43	40	0.0052	15.93	38	35	0.0043	13.71				
43	39	0.0050	15.71	38	34	0.0041	13.53				