

Obs	time	temp	x1	x2	xsin1	xcos1	xsin2	xcos2	xsin3	xcos3	xsin4	xcos4	xsin5	xcos5	xcos6
1	1	2.7	0.08333	0.00694	0.50000	0.86603	0.86603	0.5	1	0	0.86603	-0.5	0.50000	-0.86603	-1
2	2	5.9	0.16667	0.02778	0.86603	0.50000	0.86603	-0.5	0	-1	-0.86603	-0.5	-0.86603	0.50000	1
3	3	5.1	0.25000	0.06250	1.00000	0.00000	0.00000	-1.0	-1	-0	-0.00000	1.0	1.00000	0.00000	-1
4	4	9.9	0.33333	0.11111	0.86603	-0.50000	-0.86603	-0.5	-0	1	0.86603	-0.5	-0.86603	-0.50000	1
5	5	10.7	0.41667	0.17361	0.50000	-0.86603	-0.86603	0.5	1	0	-0.86603	-0.5	0.50000	0.86603	-1
6	6	13.1	0.50000	0.25000	0.00000	-1.00000	-0.00000	1.0	0	-1	-0.00000	1.0	0.00000	-1.00000	1
7	7	16.3	0.58333	0.34028	-0.50000	-0.86603	0.86603	0.5	-1	-0	0.86603	-0.5	-0.50000	0.86603	-1
8	8	14.7	0.66667	0.44444	-0.86603	-0.50000	0.86603	-0.5	-0	1	-0.86603	-0.5	0.86603	-0.50000	1
9	9	14.0	0.75000	0.56250	-1.00000	-0.00000	0.00000	-1.0	1	0	-0.00000	1.0	-1.00000	0.00000	-1
10	10	9.8	0.83333	0.69444	-0.86603	0.50000	-0.86603	-0.5	0	-1	0.86603	-0.5	0.86603	0.50000	1
11	11	8.1	0.91667	0.84028	-0.50000	0.86603	-0.86603	0.5	-1	0	-0.86603	-0.5	-0.50000	-0.86603	-1
12	12	3.1	1.00000	1.00000	-0.00000	1.00000	-0.00000	1.0	-0	1	-0.00000	1.0	-0.00000	1.00000	1

Obs	time	temp	x1	x2	xsin1	xcos1	xsin2	xcos2	xsin3	xcos3	xsin4	xcos4	xsin5	xcos5	xcos6
289	289	3.7	24.0833	580.007	0.50000	0.86603	0.86603	0.5	1	0	0.86603	-0.5	0.50000	-0.86603	-1
290	290	2.9	24.1667	584.028	0.86603	0.50000	0.86603	-0.5	0	-1	-0.86603	-0.5	-0.86603	0.50000	1
291	291	3.7	24.2500	588.063	1.00000	0.00000	0.00000	-1.0	-1	0	-0.00000	1.0	1.00000	0.00000	-1
292	292	6.7	24.3333	592.111	0.86603	-0.50000	-0.86603	-0.5	0	1	0.86603	-0.5	-0.86603	-0.50000	1
293	293	13.0	24.4167	596.174	0.50000	-0.86603	-0.86603	0.5	1	0	-0.86603	-0.5	0.50000	0.86603	-1
294	294	16.4	24.5000	600.250	-0.00000	-1.00000	0.00000	1.0	0	-1	0.00000	1.0	0.00000	-1.00000	1
295	295	15.2	24.5833	604.340	-0.50000	-0.86603	0.86603	0.5	-1	0	0.86603	-0.5	-0.50000	0.86603	-1
296	296	16.0	24.6667	608.444	-0.86603	-0.50000	0.86603	-0.5	-0	1	-0.86603	-0.5	0.86603	-0.50000	1
297	297	14.4	24.7500	612.563	-1.00000	0.00000	-0.00000	-1.0	1	0	0.00000	1.0	-1.00000	0.00000	-1
298	298	10.7	24.8333	616.694	-0.86603	0.50000	-0.86603	-0.5	0	-1	0.86603	-0.5	0.86603	0.50000	1
299	299	7.8	24.9167	620.840	-0.50000	0.86603	-0.86603	0.5	-1	-0	-0.86603	-0.5	-0.50000	-0.86603	-1
300	300	4.3	25.0000	625.000	0.00000	1.00000	0.00000	1.0	-0	1	0.00000	1.0	-0.00000	1.00000	1
301	301	.	25.0833	629.174	0.50000	0.86603	0.86603	0.5	1	0	0.86603	-0.5	0.50000	-0.86603	-1
302	302	.	25.1667	633.361	0.86603	0.50000	0.86603	-0.5	-0	-1	-0.86603	-0.5	-0.86603	0.50000	1
303	303	.	25.2500	637.563	1.00000	0.00000	0.00000	-1.0	-1	0	-0.00000	1.0	1.00000	-0.00000	-1
304	304	.	25.3333	641.778	0.86603	-0.50000	-0.86603	-0.5	-0	1	0.86603	-0.5	-0.86603	-0.50000	1
305	305	.	25.4167	646.007	0.50000	-0.86603	-0.86603	0.5	1	0	-0.86603	-0.5	0.50000	0.86603	-1
306	306	.	25.5000	650.250	0.00000	-1.00000	-0.00000	1.0	0	-1	-0.00000	1.0	0.00000	-1.00000	1
307	307	.	25.5833	654.507	-0.50000	-0.86603	0.86603	0.5	-1	-0	0.86603	-0.5	-0.50000	0.86603	-1
308	308	.	25.6667	658.778	-0.86603	-0.50000	0.86603	-0.5	-0	1	-0.86603	-0.5	0.86603	-0.50000	1
309	309	.	25.7500	663.063	-1.00000	-0.00000	0.00000	-1.0	1	0	-0.00000	1.0	-1.00000	0.00000	-1
310	310	.	25.8333	667.361	-0.86603	0.50000	-0.86603	-0.5	0	-1	0.86603	-0.5	0.86603	0.50000	1
311	311	.	25.9167	671.674	-0.50000	0.86603	-0.86603	0.5	-1	-0	-0.86603	-0.5	-0.50000	-0.86603	-1
312	312	.	26.0000	676.000	-0.00000	1.00000	-0.00000	1.0	-0	1	-0.00000	1.0	-0.00000	1.00000	1
313	313	.	26.0833	680.340	0.50000	0.86603	0.86603	0.5	1	-0	0.86603	-0.5	0.50000	-0.86603	-1
314	314	.	26.1667	684.694	0.86603	0.50000	0.86603	-0.5	-0	-1	-0.86603	-0.5	-0.86603	0.50000	1
315	315	.	26.2500	689.063	1.00000	-0.00000	-0.00000	-1.0	-1	-0	0.00000	1.0	1.00000	0.00000	-1
316	316	.	26.3333	693.444	0.86603	-0.50000	-0.86603	-0.5	-0	1	0.86603	-0.5	-0.86603	-0.50000	1
317	317	.	26.4167	697.840	0.50000	-0.86603	-0.86603	0.5	1	0	-0.86603	-0.5	0.50000	0.86603	-1
318	318	.	26.5000	702.250	0.00000	-1.00000	-0.00000	1.0	0	-1	-0.00000	1.0	0.00000	-1.00000	1
319	319	.	26.5833	706.674	-0.50000	-0.86603	0.86603	0.5	-1	-0	0.86603	-0.5	-0.50000	0.86603	-1
320	320	.	26.6667	711.111	-0.86603	-0.50000	0.86603	-0.5	-0	1	-0.86603	-0.5	0.86603	-0.50000	1
321	321	.	26.7500	715.563	-1.00000	-0.00000	0.00000	-1.0	1	0	-0.00000	1.0	-1.00000	0.00000	-1
322	322	.	26.8333	720.028	-0.86603	0.50000	-0.86603	-0.5	0	-1	0.86603	-0.5	0.86603	0.50000	1
323	323	.	26.9167	724.507	-0.50000	0.86603	-0.86603	0.5	-1	-0	-0.86603	-0.5	-0.50000	-0.86603	-1
324	324	.	27.0000	729.000	-0.00000	1.00000	-0.00000	1.0	0	1	-0.00000	1.0	-0.00000	1.00000	1

























