

Data relating to Figure 2: Inputs to simulator

Index	time	Stn 1 AF	Stn 1 FE	Stn 1 TR
0	0	63.69	0	1.17
1	0.007874	191.31	0.05	1.06
2	0.015748	410.85	0.17	0.96
3	0.023622	609.97	0.35	0.85
4	0.031496	712.22	0.6	0.75
5	0.03937	681.22	0.91	0.65
6	0.047244	611.67	1.28	0.54
7	0.055118	536.84	1.69	0.45
8	0.062992	476.05	2.13	0.38
9	0.070866	447.48	2.59	0.3
10	0.07874	475.83	3.06	0.22
11	0.086614	541.48	3.52	0.14
12	0.094488	632.53	3.96	0.06
13	0.102362	738.33	4.38	-0.01
14	0.110236	844.11	4.76	-0.06
15	0.11811	923.83	5.08	-0.11
16	0.125984	969.85	5.34	-0.17
17	0.133858	984.79	5.55	-0.22
18	0.141732	974.51	5.68	-0.27
19	0.149606	948.39	5.73	-0.32
20	0.15748	909.91	5.73	-0.3
21	0.165354	861.79	5.71	-0.26
22	0.173228	805.48	5.67	-0.22
23	0.181102	742.42	5.6	-0.18
24	0.188976	674.92	5.52	-0.15
25	0.19685	607.23	5.43	-0.11
26	0.204724	541.38	5.32	-0.08
27	0.212598	479.37	5.19	-0.07
28	0.220472	425.22	5.05	-0.05
29	0.228346	381.64	4.9	-0.04
30	0.23622	348.73	4.73	-0.03
31	0.244094	327.42	4.56	-0.01
32	0.251969	318.52	4.38	0
33	0.259843	321.43	4.19	0
34	0.267717	328.48	4	0
35	0.275591	339.59	3.81	0
36	0.283465	354.64	3.62	0
37	0.291339	374.06	3.42	0
38	0.299213	397.63	3.23	0
39	0.307087	424.24	3.05	-0.01
40	0.314961	453.6	2.87	-0.02
41	0.322835	485.38	2.7	-0.03
42	0.330709	519.7	2.55	-0.05
43	0.338583	555.42	2.4	-0.06
44	0.346457	591.99	2.27	-0.07
45	0.354331	629.01	2.15	-0.09
46	0.362205	666.06	2.05	-0.13

47	0.370079	702.27	1.96	-0.17
48	0.377953	737.26	1.89	-0.21
49	0.385827	770.64	1.84	-0.25
50	0.393701	802.05	1.81	-0.29
51	0.401575	830.31	1.8	-0.33
52	0.409449	855.27	1.82	-0.4
53	0.417323	876.95	1.89	-0.47
54	0.425197	895.12	2.02	-0.55
55	0.433071	909.34	2.2	-0.63
56	0.440945	918.23	2.44	-0.71
57	0.448819	922.98	2.73	-0.79
58	0.456693	921.8	3.07	-0.86
59	0.464567	912.74	3.45	-0.94
60	0.472441	891.01	3.89	-1.02
61	0.480315	857.98	4.36	-1.1
62	0.488189	816.16	4.88	-1.18
63	0.496063	766.37	5.44	-1.26
64	0.503937	709.46	6.02	-1.33
65	0.511811	645.25	6.65	-1.39
66	0.519685	577.74	7.3	-1.44
67	0.527559	508.29	7.97	-1.49
68	0.535433	438.23	8.65	-1.54
69	0.543307	369.44	9.36	-1.59
70	0.551181	304.66	10.08	-1.65
71	0.559055	244.83	10.81	-1.64
72	0.566929	191.09	11.54	-1.58
73	0.574803	144.51	12.27	-1.53
74	0.582677	109.36	12.99	-1.48
75	0.590551	84.41	13.7	-1.43
76	0.598425	69.58	14.39	-1.38
77	0.606299	63.69	15.08	-1.32
78	0.614173	63.69	15.74	-1.27
79	0.622047	63.69	16.36	-1.22
80	0.629921	63.69	16.96	-1.17
81	0.637795	63.69	17.53	-1.11
82	0.645669	63.69	18.07	-1.06
83	0.653543	63.69	18.56	-1.01
84	0.661417	63.69	19	-0.96
85	0.669291	63.69	19.41	-0.91
86	0.677165	63.69	19.77	-0.85
87	0.685039	63.69	20.08	-0.8
88	0.692913	63.69	20.33	-0.75
89	0.700787	63.69	20.52	-0.7
90	0.708661	63.69	20.67	-0.63
91	0.716535	63.69	20.77	-0.52
92	0.724409	63.69	20.81	-0.42
93	0.732283	63.69	20.77	-0.31
94	0.740157	63.69	20.66	-0.21
95	0.748031	63.69	20.48	-0.1
96	0.755906	63.69	20.23	0

97	0.76378	63.69	19.88	0.1
98	0.771654	63.69	19.47	0.21
99	0.779528	63.69	18.99	0.31
100	0.787402	63.69	18.45	0.42
101	0.795276	63.69	17.84	0.52
102	0.80315	63.69	17.17	0.63
103	0.811024	63.69	16.45	0.71
104	0.818898	63.69	15.69	0.79
105	0.826772	63.69	14.89	0.87
106	0.834646	63.69	14.05	0.95
107	0.84252	63.69	13.18	1.03
108	0.850394	63.69	12.29	1.1
109	0.858268	63.69	11.39	1.18
110	0.866142	63.69	10.48	1.26
111	0.874016	63.69	9.57	1.34
112	0.88189	63.69	8.67	1.42
113	0.889764	63.69	7.78	1.49
114	0.897638	63.69	6.9	1.57
115	0.905512	63.69	6.06	1.65
116	0.913386	63.69	5.25	1.66
117	0.92126	63.69	4.48	1.64
118	0.929134	63.69	3.76	1.63
119	0.937008	63.69	3.07	1.62
120	0.944882	63.69	2.47	1.6
121	0.952756	63.69	1.91	1.59
122	0.96063	63.69	1.42	1.56
123	0.968504	63.69	0.99	1.49
124	0.976378	63.69	0.64	1.43
125	0.984252	63.69	0.37	1.36
126	0.992126	63.69	0.18	1.3
127	1	63.69	0.06	1.23

