

APPENDIX D

The optimal weight for SDOF duffing (hardening type) system

Table D The optimal weight for SDOF duffing (hardening type) system

u_{ih}	1	2
1	-0.5601537165	-1.0231149733
2	-2.9367741905	2.5539338463
3	0.3714381620	0.9209077543
4	0.0825174601	2.7488043335
5	-0.2168574633	0.6841376116
6	1.5922736275	1.8117660665
7	0.2307102885	-0.6700420313
8	-0.2928087608	-0.8846149453
9	0.2461401561	0.8426733416
10	-0.0606159538	-0.7775097670

v_h	1
1	-0.0383570
2	-1.4183856
3	2.1650728
4	1.3108806
5	-2.9887988
6	1.0388248
7	1.9764655
8	-0.9800147
9	-1.3171623
10	1.0734657
11	-1.1211849