Appendix F: Normal Shock Table for $\gamma = 1.4$

M_1	M_2	p_2/p_1	T_2/T_1	ρ_2/ρ_1	p_{02}/p_{01}	p_{02}/p_1
1.00	1.00000	1.00000	1.00000	1.00000	1.00000	1.89293
1.02	0.98052	1.04713	1.01325	1.03344	0.99999	1.93790
1.04	0.96203	1.09520	1.02634	1.06709	0.99992	1.98442
1.06	0.94445	1.14420	1.03931	1.10092	0.99975	2.03245
1.08	0.92771	1.19413	1.05217	1.13492	0.99943	2.08194
1.10	0.91177	1.24500	1.06494	1.16908	0.99893	2.13285
1.12	0.89656	1.29680	1.07763	1.20338	0.99821	2.18513
1.14	0.88204	1.34953	1.09027	1.23779	0.99726	2.23877
1.16	0.86816	1.40320	1.10287	1.27231	0.99605	2.29372
1.18	0.85488	1.45780	1.11544	1.30693	0.99457	2.34998
1.20	0.84217	1.51333	1.12799	1.34161	0.99280	2.40750
1.22	0.82999	1.56980	1.14054	1.37636	0.99073	2.46628
1.24	0.81830	1.62720	1.15309	1.41116	0.98836	2.52629
1.26	0.80709	1.68553	1.16566	1.44599	0.98568	2.58753
1.28	0.79631	1.74480	1.17825	1.48084	0.98268	2.64996
1.30	0.78596	1.80500	1.19087	1.51569	0.97937	2.71359
1.32	0.77600	1.86613	1.20353	1.55055	0.97575	2.77840
1.34	0.76641	1.92820	1.21624	1.58538	0.97182	2.84438
1.36	0.75718	1.99120	1.22900	1.62018	0.96758	2.91152
1.38	0.74829	2.05513	1.24181	1.65494	0.96304	2.97980
1.40	0.73971	2.12000	1.25469	1.68965	0.95819	3.04923
1.42	0.73144	2.18580	1.26764	1.72430	0.95306	3.11980
1.44	0.72345	2.25253	1.28066	1.75888	0.94765	3.19149
1.46	0.71574	2.32020	1.29376	1.79337	0.94196	3.26430
1.48	0.70829	2.38880	1.30695	1.82777	0.93600	3.33823
1.50	0.70109	2.45833	1.32022	1.86207	0.92979	3.41327
1.52	0.69413	2.52880	1.33357	1.89626	0.92332	3.48942
1.54	0.68739	2.60020	1.34703	1.93033	0.91662	3.56666
1.56	0.68087	2.67253	1.36057	1.96427	0.90970	3.64501
1.58	0.67455	2.74580	1.37422	1.99808	0.90255	3.72444
1.60	0.66844	2.82000	1.38797	2.03175	0.89520	3.80497
1.62	0.66251	2.89513	1.40182	2.06526	0.88765	3.88658
1.64	0.65677	2.97120	1.41578	2.09863	0.87992	3.96928
1.66	0.65119	3.04820	1.42985	2.13183	0.87201	4.05305
1.68	0.64579	3.12613	1.44403	2.16486	0.86394	4.13790
1.70	0.64054	3.20500	1.45833	2.19772	0.85572	4.22383
1.72	0.63545	3.28480	1.47274	2.23040	0.84736	4.31083
1.74	0.63051	3.36553	1.48727	2.26289	0.83886	4.39890
1.76	0.62570	3.44720	1.50192	2.29520	0.83024	4.48804
1.78	0.62104	3.52980	1.51669	2.32731	0.82151	4.57824
1.80	0.61650	3.61333	1.53158	2.35922	0.81268	4.66951
1.82	0.61209	3.69780	1.54659	2.39093	0.80376	4.76184
1.84	0.60780	3.78320	1.56173	2.42244	0.79476	4.85524

M_1	M_2	p_2/p_1	T_2/T_1	ρ_2/ρ_1	p_{02}/p_{01}	p_{02}/p_1
1.86	0.60363	3.86953	1.57700	2.45373	0.78569	4.94969
1.88	0.59957	3.95680	1.59239	2.48481	0.77655	5.04520
1.90	0.59562	4.04500	1.60791	2.51568	0.76736	5.14177
1.92	0.59177	4.13413	1.62357	2.54632	0.75812	5.23940
1.94	0.58802	4.22420	1.63935	2.57675	0.74884	5.33808
1.96	0.58437	4.31520	1.65527	2.60695	0.73954	5.43781
1.98	0.58082	4.40713	1.67132	2.63692	0.73021	5.53860
2.00	0.57735	4.50000	1.68750	2.66667	0.72087	5.64044
2.02	0.57397	4.59380	1.70382	2.69618	0.71153	5.74332
2.04	0.57068	4.68853	1.72027	2.72546	0.70218	5.84726
2.06	0.56747	4.78419	1.73686	2.75451	0.69284	5.95225
2.08	0.56433	4.88080	1.75359	2.78332	0.68351	6.05829
2.10	0.56128	4.97833	1.77045	2.81190	0.67420	6.16537
2.12	0.55829	5.07679	1.78745	2.84024	0.66492	6.27350
2.14	0.55538	5.17619	1.80459	2.86834	0.65567	6.38268
2.16	0.55254	5.27653	1.82187	2.89621	0.64645	6.49290
2.18	0.54977	5.37779	1.83930	2.92383	0.63727	6.60416
2.20	0.54706	5.47999	1.85686	2.95122	0.62814	6.71647
2.22	0.54441	5.58313	1.87456	2.97836	0.61905	6.82983
2.24	0.54182	5.68719	1.89241	3.00527	0.61002	6.94423
2.26	0.53930	5.79219	1.91040	3.03193	0.60105	7.05967
2.28	0.53683	5.89813	1.92853	3.05836	0.59214	7.17615
2.30	0.53441	6.00499	1.94680	3.08455	0.58330	7.29367
2.32	0.53205	6.11279	1.96522	3.11049	0.57452	7.41224
2.34	0.52974	6.22153	1.98378	3.13620	0.56581	7.53184
2.36	0.52749	6.33119	2.00248	3.16167	0.55718	7.65249
2.38	0.52528	6.44179	2.02133	3.18690	0.54862	7.77418
2.40	0.52312	6.55333	2.04033	3.21189	0.54014	7.89691
2.42	0.52100	6.66579	2.05947	3.23665	0.53175	8.02067
2.44	0.51894	6.77919	2.07876	3.26117	0.52344	8.14548
2.46	0.51691	6.89353	2.09819	3.28546	0.51521	8.27132
2.48	0.51493	7.00879	2.11777	3.30951	0.50707	8.39821
2.50	0.51299	7.12499	2.13750	3.33333	0.49902	8.52613
2.52	0.51109	7.24212	2.15737	3.35692	0.49105	8.65509
2.54	0.50923	7.36019	2.17739	3.38028	0.48318	8.78508
2.56	0.50741	7.47919	2.19756	3.40341	0.47540	8.91612
2.58	0.50562	7.59912	2.21788	3.42631	0.46772	9.04819
2.60	0.50387	7.71999	2.23834	3.44898	0.46012	9.18130
2.62	0.50216	7.84179	2.25895	3.47143	0.45263	9.31544
2.64	0.50048	7.96452	2.27971	3.49365	0.44522	9.45063
2.66	0.49883	8.08819	2.30062	3.51565	0.43792	9.58684
2.68	0.49722	8.21279	2.32168	3.53743	0.43071	9.72410
2.70	0.49563	8.33832	2.34289	3.55899	0.42359	9.86239
2.72	0.49408	8.46479	2.36425	3.58033	0.41657	10.00171
2.74	0.49256	8.59219	2.38575	3.60146	0.40965	10.14208
2.76	0.49107	8.72052	2.40741	3.62237	0.40283	10.28347
2.78	0.48960	8.84979	2.42922	3.64306	0.39610	10.42591
2.80	0.48817	8.97999	2.45117	3.66355	0.38946	10.56937

M_1	M_2	p_2/p_1	T_2/T_1	ρ_2/ρ_1	p_{02}/p_{01}	p_{02}/p_1
2.82	0.48676	9.11112	2.47328	3.68383	0.38293	10.71388
2.84	0.48538	9.24319	2.49553	3.70389	0.37649	10.85941
2.86	0.48402	9.37619	2.51794	3.72375	0.37014	11.00599
2.88	0.48269	9.51012	2.54050	3.74341	0.36389	11.15359
2.90	0.48138	9.64499	2.56321	3.76286	0.35773	11.30223
2.92	0.48010	9.78079	2.58606	3.78211	0.35167	11.45191
2.94	0.47884	9.91752	2.60907	3.80117	0.34570	11.60262
2.96	0.47760	10.05519	2.63223	3.82002	0.33982	11.75436
2.98	0.47638	10.19379	2.65555	3.83868	0.33404	11.90714
3.00	0.47519	10.33332	2.67901	3.85714	0.32834	12.06095
3.05	0.47230	10.68624	2.73833	3.90246	0.31450	12.45000
3.15	0.46689	11.40957	2.85982	3.98961	0.28846	13.24748
3.20	0.46435	11.77998	2.92199	4.03149	0.27623	13.65590
3.25	0.46192	12.15623	2.98511	4.07229	0.26451	14.07078
3.30	0.45959	12.53832	3.04919	4.11202	0.25328	14.49212
3.35	0.45735	12.92623	3.11422	4.15071	0.24252	14.91991
3.40	0.45520	13.31998	3.18020	4.18840	0.23223	15.35415
3.45	0.45314	13.71956	3.24715	4.22511	0.22237	15.79484
3.50	0.45115	14.12498	3.31505	4.26087	0.21295	16.24198
3.55	0.44925	14.53623	3.38391	4.29570	0.20393	16.69557
3.60	0.44741	14.95331	3.45372	4.32962	0.19531	17.15561
3.65	0.44565	15.37623	3.52450	4.36267	0.18707	17.62210
3.70	0.44395	15.80498	3.59624	4.39486	0.17919	18.09504
3.75	0.44231	16.23956	3.66894	4.42623	0.17167	18.57443
3.80	0.44073	16.67998	3.74260	4.45679	0.16447	19.06026
3.85	0.43921	17.12622	3.81722	4.48657	0.15760	19.55254
3.90	0.43774	17.57831	3.89281	4.51558	0.15103	20.05126
3.95	0.43633	18.03622	3.96936	4.54386	0.14475	29.55644
4.00	0.43496	18.49997	4.04687	4.57143	0.13876	21.06805
4.05	0.43364	18.96957	4.12535	4.59829	0.13303	21.58612
4.10	0.43236	19.44499	4.20479	4.62448	0.12756	22.11064
4.15	0.43113	19.92626	4.28520	4.65002	0.12233	22.64161
4.20	0.42994	20.41335	4.36657	4.67491	0.11733	23.17901
4.25	0.42878	20.90628	4.44891	4.69919	0.11256	23.72286
4.30	0.42767	21.40504	4.53222	4.72286	0.10800	24.27316
4.35	0.42659	21.90964	4.61649	4.74595	0.10364	24.82990
4.40	0.42554	22.42006	4.70173	4.76848	0.09948	25.39308
4.45	0.42453	22.93633	4.78793	4.79045	0.09550	25.96270
4.50	0.42355	23.45842	4.87510	4.81188	0.09170	26.53876
4.60	0.42168	24.52012	5.05234	4.85322	0.08459	27.71022
4.70	0.41992	25.60514	5.23346	4.89259	0.07808	28.90745
4.80	0.41826	26.71351	5.41845	4.93011	0.07214	30.13045
4.90	0.41670	27.84520	5.60730	4.96588	0.06670	31.37921
5.00	0.41523	29.00023	5.80004	5.00001	0.06172	32.65373