

CHAPTER 1 - ordered by 7e number		
7e number	8e number	Comment
<b>Conduction</b>		
	1.01	New
1.01	1.02	Revised
1.02	1.03	
1.03	1.04	
1.04	1.05	
1.05		Deleted
1.06	1.06	
1.07	1.07	Revised
1.08	1.08	
1.09		Deleted
1.10		Deleted
1.11	1.09	
1.12		Deleted
1.13		Deleted
1.14	1.10	
1.15	1.11	Revised
1.16		Deleted
<b>Convection</b>		
1.17	1.20	
1.18	1.12	Revised
1.19	1.13	
1.20	1.14	
1.21		Deleted
1.22	1.15	Revised
1.23	1.16	Revised
1.24	1.17	Revised
1.25	1.18	
1.26	1.19	
1.27		Deleted
<b>Radiation</b>		
	1.21	New
1.28	1.22	
1.29	1.23	Revised
1.30	1.24	
1.31	1.25	
1.32	1.26	Revised
1.33		Deleted
1.34	1.27	Revised
	1.28	New
<b>Relationship to Thermodynamics</b>		
1.35	1.29	
1.36	1.30	Revised
1.37	1.31	Revised
1.38	1.32	
	1.33	New
1.39	1.34	

CHAPTER 1 - ordered by 8e number		
7e number	8e number	Comment
<b>Conduction</b>		
	1.01	New
1.01	1.02	Revised
1.02	1.03	
1.03	1.04	
1.04	1.05	
1.06	1.06	
1.07	1.07	Revised
1.08	1.08	
1.11	1.09	
1.14	1.10	
1.15	1.11	Revised
<b>Convection</b>		
1.18	1.12	Revised
1.19	1.13	
1.20	1.14	
1.22	1.15	Revised
1.23	1.16	Revised
1.24	1.17	Revised
1.25	1.18	
1.26	1.19	
1.17	1.20	
<b>Radiation</b>		
	1.21	New
1.28	1.22	
1.29	1.23	Revised
1.30	1.24	
1.31	1.25	
1.32	1.26	Revised
1.33		Deleted
1.34	1.27	Revised
	1.28	New
<b>Relationship to Thermodynamics</b>		
	1.28	New
1.35	1.29	
1.36	1.30	Revised
1.37	1.31	Revised
1.38	1.32	
	1.33	New
1.39	1.34	
<b>Energy Balance and Multimode Effects</b>		
1.40	1.35	
1.41	1.36	Revised
1.42	1.37	Revised
1.43	1.38	
1.44	1.39	
1.45	1.40	
1.46	1.41	

CHAPTER 1 - ordered by 7e number		
7e number	8e number	Comment
<b>Energy Balance and Multimode Effects</b>		
1.40	1.35	
1.41	1.36	Revised
1.42	1.37	Revised
1.43	1.38	
1.44	1.39	
1.45	1.40	
1.46	1.41	
1.47		Deleted
1.48		Deleted
1.49	1.42	
1.50	1.43	
1.51		Deleted
1.52		Deleted
1.53	1.44	Revised
1.54	1.45	
1.55		Deleted
1.56		Deleted
1.57	1.46	
1.58		Deleted
1.59	1.47	
1.60		Deleted
1.61		Deleted
1.62	1.48	
1.63	1.49	
1.64	1.50	
1.65	1.51	Revised
1.66		Deleted
1.67	1.52	
1.68		Deleted
1.69		Deleted
1.70		Deleted
1.71	1.53	
1.72		Deleted
1.73	1.54	Revised
1.74	1.55	
1.75	1.56	Revised
1.76	1.57	
1.77	1.58	Revised
1.78		Deleted
1.79		Deleted
1.80		Deleted
1.81	1.59	
1.82		Deleted
1.83	1.60	
1.84		Deleted
1.85	1.61	

CHAPTER 1 - ordered by 8e number		
7e number	8e number	Comment
1.49	1.42	
1.50	1.43	
1.53	1.44	Revised
1.54	1.45	
1.57	1.46	
1.59	1.47	
1.62	1.48	
1.63	1.49	
1.64	1.50	
1.65	1.51	Revised
1.67	1.52	
1.71	1.53	
1.73	1.54	Revised
1.74	1.55	
1.75	1.56	Revised
1.76	1.57	
1.77	1.58	Revised
1.81	1.59	
1.83	1.60	
1.85	1.61	
<b>Process Identification</b>		
1.86	1.62	
1.87	1.63	
<b>Deleted 7e problems</b>		
1.05		Deleted
1.09		Deleted
1.10		Deleted
1.12		Deleted
1.13		Deleted
1.16		Deleted
1.21		Deleted
1.27		Deleted
1.33		Deleted
1.47		Deleted
1.48		Deleted
1.51		Deleted
1.52		Deleted
1.55		Deleted
1.56		Deleted
1.58		Deleted
1.60		Deleted
1.61		Deleted
1.66		Deleted
1.68		Deleted
1.69		Deleted
1.70		Deleted
1.72		Deleted
1.78		Deleted

CHAPTER 1 - ordered by 7e number		
7e number	8e number	Comment
<b>Process Identification</b>		
1.86	1.62	
1.87	1.63	

CHAPTER 1 - ordered by 8e number		
7e number	8e number	Comment
	1.79	Deleted
	1.80	Deleted
	1.82	Deleted
	1.84	Deleted

CHAPTER 2 - ordered by 7e number		
7e Number	8e number	Comment
<b>Fourier's Law</b>		
2.01		Deleted
2.02	2.01	
2.03	2.02	
2.04	2.03	
2.05		Deleted
2.06	2.25	
2.07		Deleted
2.08	2.04	
2.09	2.05	
2.10	2.26	Revised
2.11	2.06	Revised
2.12	2.07	Revised
2.13		Deleted
2.14	2.08	
2.15	2.09	
2.16		Deleted
<b>Thermophysical Properties</b>		
2.17	2.10	Revised
2.18		Deleted
2.19	2.11	Revised
2.20		Deleted
2.21	2.12	
2.22	2.13	
	2.14	New
2.23	2.15	Revised
2.24	2.16	
2.25	2.17	
	2.18	New
	2.19	New
<b>The Heat Equation</b>		
2.26		Deleted
2.27	2.20	
2.28	2.21	Revised
2.29		Deleted
2.30	2.22	
2.31		Deleted
2.32	2.23	Revised
2.33	2.24	
2.34		Deleted
2.35	2.27	
2.36	2.28	

CHAPTER 2 - ordered by 8e number		
7e Number	8e number	Comment
	<b>Fourier's Law</b>	
2.02	2.01	
2.03	2.02	
2.04	2.03	
2.08	2.04	
2.09	2.05	
2.11	2.06	Revised
2.12	2.07	Revised
2.14	2.08	
2.15	2.09	
	<b>Thermophysical Properties</b>	
2.17	2.10	Revised
2.19	2.11	Revised
2.21	2.12	
2.22	2.13	
	2.14	New
2.23	2.15	Revised
2.24	2.16	
2.25	2.17	
	<b>The Heat Equation</b>	
	2.18	New
	2.19	New
2.27	2.20	
2.28	2.21	Revised
2.30	2.22	
2.32	2.23	Revised
2.33	2.24	
2.06	2.25	
2.10	2.26	Revised
2.35	2.27	
2.36	2.28	
2.37	2.29	
2.39	2.30	
2.40	2.31	Revised
2.41	2.32	
2.42	2.33	Revised
2.43	2.34	
2.44	2.35	
2.45	2.36	
	2.37	New
2.48	2.38	
2.49	2.39	Revised

CHAPTER 2 - ordered by 7e number		
7e Number	8e number	Comment
2.37	2.29	
2.38		Deleted
2.39	2.30	
2.40	2.31	Revised
2.41	2.32	
2.42	2.33	Revised
2.43	2.34	
2.44	2.35	
2.45	2.36	
2.46		Deleted
	2.37	New
2.47		Deleted
2.48	2.38	
2.49	2.39	Revised
2.50		Deleted
2.51	2.40	
2.52	2.41	
<b>Graphical Representations</b>		
2.53	2.42	
2.54		Deleted
2.55		Deleted
2.56		Deleted
2.57	2.43	
2.58	2.44	
2.59	2.45	
2.60	2.46	
2.61		Deleted
2.62	2.47	
2.63	2.48	
2.64	2.49	
2.65	2.50	
2.66		Deleted
2.67	2.51	
2.68	2.52	
2.69	2.53	

CHAPTER 2 - ordered by 8e number		
7e Number	8e number	Comment
2.51	2.40	
2.52	2.41	
<b>Graphical Representations</b>		
2.53	2.42	
2.57	2.43	
2.58	2.44	
2.59	2.45	
2.60	2.46	
2.62	2.47	
2.63	2.48	
2.64	2.49	
2.65	2.50	
2.67	2.51	
2.68	2.52	
2.69	2.53	
<b>Deleted 7e problems</b>		
2.01		Deleted
2.05		Deleted
2.07		Deleted
2.13		Deleted
2.16		Deleted
2.18		Deleted
2.20		Deleted
2.26		Deleted
2.29		Deleted
2.31		Deleted
2.34		Deleted
2.38		Deleted
2.46		Deleted
2.47		Deleted
2.50		Deleted
2.54		Deleted
2.55		Deleted
2.56		Deleted
2.61		Deleted
2.66		Deleted

CHAPTER 3 - ordered by 7e number		
7e Number	8e number	Comment
<b>Plane and Composite Walls</b>		
3.01	3.01	
3.02	3.02	
3.03	3.03	
3.04		Deleted
3.05	3.04	Revised
3.06	3.05	
3.07		Deleted
	3.06	New
3.08	3.07	
3.09	3.08	
3.10	3.09	
3.11	3.10	
3.12		Deleted
3.13	3.11	
3.14	3.12	
	3.13	New
3.15	3.14	
3.16	3.15	
3.17		Deleted
3.18	3.16	Revised
3.19		Deleted
3.20	3.17	
3.21		Deleted
3.22		Deleted
3.23		Deleted
3.24		Deleted
3.25	3.18	
<b>Contact Resistance</b>		
	3.19	New
3.26	3.20	Revised
3.27		Deleted
3.28	3.21	
3.29	3.22	Revised
3.30	3.23	
3.31	3.24	
3.32	3.25	
3.33	3.26	Revised
<b>Porous Media</b>		
3.34	3.27	
3.35	3.28	
3.36	3.29	
3.37	3.30	Revised
3.38	3.31	
<b>Alternative Conduction Analysis</b>		
	3.32	New
3.39	3.33	
3.40	3.34	Revised
3.41	3.35	
3.42	3.36	
3.43	3.37	

CHAPTER 3 - ordered by 8e number		
7e Number	8e number	Comment
<b>Plane and Composite Walls</b>		
3.01	3.01	
3.02	3.02	
3.03	3.03	
3.05	3.04	Revised
3.06	3.05	
	3.06	New
3.08	3.07	
3.09	3.08	
3.10	3.09	
3.11	3.10	
3.13	3.11	
3.14	3.12	
	3.13	New
3.15	3.14	
3.16	3.15	
3.18	3.16	Revised
3.20	3.17	
3.25	3.18	
<b>Contact Resistance</b>		
	3.19	New
3.26	3.20	Revised
3.28	3.21	
3.29	3.22	Revised
3.30	3.23	
3.31	3.24	
3.32	3.25	
3.33	3.26	Revised
<b>Porous Media</b>		
3.34	3.27	
3.35	3.28	
3.36	3.29	
3.37	3.30	Revised
3.38	3.31	
<b>Alternative Conduction Analysis</b>		
	3.32	New
3.39	3.33	
3.40	3.34	Revised
3.41	3.35	
3.42	3.36	
3.43	3.37	

CHAPTER 3 - ordered by 7e number		
7e Number	8e number	Comment
3.37	3.30	Revised
3.38	3.31	
<b>Alternative Conduction Analysis</b>		
	3.32	New
3.39	3.33	
3.40	3.34	Revised
3.41	3.35	
3.42	3.36	
3.43	3.37	
3.44	3.38	
<b>Cylindrical Wall</b>		
3.45	3.39	
3.46		Deleted
3.47	3.40	
3.48	3.41	Revised
3.49		Deleted
3.50		Deleted
3.51	3.42	
3.52		Deleted
3.53	3.43	
3.54	3.44	Revised
3.55	3.45	
3.56	3.46	
3.57	3.47	
3.58	3.48	
3.59	3.49	
3.60	3.50	
3.61		Deleted
3.62		Deleted
<b>Spherical Wall</b>		
3.63		Deleted
3.64		Deleted
3.65	3.51	Revised
3.66	3.52	
3.67	3.53	Revised
3.68	3.54	Revised
3.69	3.55	
3.70		Deleted
3.71		Deleted
3.72	3.56	
3.73	3.57	
3.74	3.58	

CHAPTER 3 - ordered by 8e number		
7e Number	8e number	Comment
3.44	3.38	
	<b>Cylindrical Wall</b>	
3.45	3.39	
3.47	3.40	
3.48	3.41	Revised
3.51	3.42	
3.53	3.43	
3.54	3.44	Revised
3.55	3.45	
3.56	3.46	
3.57	3.47	
3.58	3.48	
3.59	3.49	
3.60	3.50	
	<b>Spherical Wall</b>	
3.65	3.51	Revised
3.66	3.52	
3.67	3.53	Revised
3.68	3.54	Revised
3.69	3.55	
3.72	3.56	
3.73	3.57	
3.74	3.58	
3.75	3.59	
3.76	3.60	Revised
	3.61	New
3.78	3.62	
	<b>Conduction with Thermal Energy Generation</b>	
	3.63	New
3.79	3.64	
3.81	3.65	Revised
3.82	3.66	
3.83	3.67	
3.84	3.68	
3.86	3.69	Revised
3.87	3.70	
	3.71	New
	3.72	New
3.89	3.73	
3.90	3.74	
3.91	3.75	

CHAPTER 3 - ordered by 7e number		
7e Number	8e number	Comment
3.75	3.59	
3.76	3.60	Revised
	3.61	New
3.77		Deleted
3.78	3.62	
<b>Conduction with Thermal Energy Generation</b>		
	3.63	New
3.79	3.64	
3.80		Deleted
3.81	3.65	Revised
3.82	3.66	
3.83	3.67	
3.84	3.68	
3.85		Deleted
3.86	3.69	Revised
3.87	3.70	
	3.71	New
	3.72	New
3.88		Deleted
3.89	3.73	
3.90	3.74	
3.91	3.75	
	3.76	New
3.92		Deleted
3.93	3.77	
3.94	3.78	
3.95	3.79	
3.96	3.80	
3.97	3.81	
3.98		Deleted
3.99		Deleted
3.100	3.82	
3.101	3.83	Revised
3.102	3.84	
3.103	3.85	
3.104	3.86	
3.105		Deleted
3.106	3.87	
<b>Extended Surfaces</b>		
3.107	3.88	
3.108	3.89	

CHAPTER 3 - ordered by 8e number		
7e Number	8e number	Comment
	3.76	New
3.93	3.77	
3.94	3.78	
3.95	3.79	
3.96	3.80	
3.97	3.81	
3.100	3.82	
3.101	3.83	Revised
3.102	3.84	
3.103	3.85	
3.104	3.86	
3.106	3.87	
<b>Extended Surfaces and Simple Fins</b>		
3.107	3.88	
3.108	3.89	
3.109	3.90	
3.110	3.91	Revised
3.112	3.92	
3.114	3.93	
3.116	3.94	
	3.95	New
3.120	3.96	
3.122	3.97	
3.124	3.98	
3.126	3.99	
3.127	3.100	
3.128	3.101	
3.129	3.102	Revised
3.130	3.103	
3.131	3.104	
3.132	3.105	
3.134	3.106	
3.136	3.107	Revised
3.137	3.108	
3.138	3.109	
	3.110	New
3.141	3.111	Revised
<b>Fin Systems and Arrays</b>		
	3.112	New
3.142	3.113	
3.144	3.114	

CHAPTER 3 - ordered by 7e number		
7e Number	8e number	Comment
3.109	3.90	
3.110	3.91	Revised
3.111		Deleted
3.112	3.92	
3.113		Deleted
3.114	3.93	
3.115		Deleted
3.116	3.94	
3.117		Deleted
3.118		Deleted
	3.95	New
3.119		Deleted
3.120	3.96	
3.121		Deleted
3.122	3.97	
3.123		Deleted
3.124	3.98	
3.125		Deleted
3.126	3.99	
3.127	3.100	
3.128	3.101	
<b>Simple Fins</b>		
3.129	3.102	Revised
3.130	3.103	
3.131	3.104	
3.132	3.105	
3.133		Deleted
3.134	3.106	
3.135		Deleted
3.136	3.107	Revised
3.137	3.108	
3.138	3.109	
3.139		Deleted
3.140		Deleted
	3.110	New
3.141	3.111	Revised
<b>Fin Systems and Arrays</b>		
	3.112	New
3.142	3.113	
3.143		Deleted
3.144	3.114	
3.145	3.115	

CHAPTER 3 - ordered by 8e number		
7e Number	8e number	Comment
3.145	3.115	
3.147	3.116	
3.149	3.117	
3.151	3.118	
3.152	3.119	
3.154	3.120	
3.155	3.121	Revised
3.156	3.122	
3.157	3.123	
3.158	3.124	
3.160	3.125	
3.163	3.126	
	<b>The Bioheat Equation</b>	
3.165	3.127	
3.166	3.128	
3.167	3.129	
	<b>Thermoelectric Power Generation</b>	
3.168	3.130	
3.169	3.131	
3.170	3.132	
3.171	3.133	
3.172	3.134	
	<b>Nanoscale Conduction</b>	
3.173	3.135	
3.174	3.136	
3.175	3.137	
3.176	3.138	
3.177	3.139	
3.178	3.140	
	3.141	New
<b>Deleted 7e problems</b>		
3.04		Deleted
3.07		Deleted
3.12		Deleted
3.17		Deleted
3.19		Deleted
3.21		Deleted
3.22		Deleted
3.23		Deleted
3.24		Deleted
3.27		Deleted

CHAPTER 3 - ordered by 7e number		
7e Number	8e number	Comment
3.146		Deleted
3.147	3.116	
3.148		Deleted
3.149	3.117	
3.150		Deleted
3.151	3.118	
3.152	3.119	
3.153		Deleted
3.154	3.120	
3.155	3.121	Revised
3.156	3.122	
3.157	3.123	
3.158	3.124	
3.159		Deleted
3.160	3.125	
3.161		Deleted
3.162		Deleted
3.163	3.126	
3.164		Deleted
<b>The Bioheat Equation</b>		
3.165	3.127	
3.166	3.128	
3.167	3.129	
<b>Thermoelectric Power Generation</b>		
3.168	3.130	
3.169	3.131	
3.170	3.132	
3.171	3.133	
3.172	3.134	
<b>Micro- and Nano-Scale Conduction</b>		
3.173	3.135	
3.174	3.136	
3.175	3.137	
3.176	3.138	
3.177	3.139	
3.178	3.140	
	3.141	New

CHAPTER 3 - ordered by 8e number		
7e Number	8e number	Comment
	3.46	Deleted
	3.49	Deleted
	3.50	Deleted
	3.52	Deleted
	3.61	Deleted
	3.62	Deleted
	3.63	Deleted
	3.64	Deleted
	3.70	Deleted
	3.71	Deleted
	3.77	Deleted
	3.80	Deleted
	3.85	Deleted
	3.88	Deleted
	3.92	Deleted
	3.98	Deleted
	3.99	Deleted
	3.105	Deleted
	3.111	Deleted
	3.113	Deleted
	3.115	Deleted
	3.117	Deleted
	3.118	Deleted
	3.119	Deleted
	3.121	Deleted
	3.123	Deleted
	3.125	Deleted
	3.133	Deleted
	3.135	Deleted
	3.139	Deleted
	3.140	Deleted
	3.143	Deleted
	3.146	Deleted
	3.148	Deleted
	3.150	Deleted
	3.153	Deleted
	3.159	Deleted
	3.161	Deleted
	3.162	Deleted
	3.164	Deleted

CHAPTER 4 - ordered by 7e number		
7e Number	8e number	Comment
<b>Exact Solutions</b>		
4.01	4.01	
4.02	4.02	Revised
4.03	4.03	
4.04	4.04	Revised
4.05	4.05	
<b>Dimensionless Conduction</b>		
<b>Heat Rates</b>		
4.06		Deleted
4.07	4.06	
4.08	4.07	
4.09	4.08	
4.10	4.09	
4.11	4.10	
4.12	4.11	
4.13	4.12	
4.14	4.13	Revised
4.15	4.14	
4.16		Deleted
4.17	4.15	Revised
4.18	4.16	
4.19	4.17	Revised
4.20	4.18	
4.21		Deleted
<b>Shape Factors with Thermal Circuits</b>		
4.22	4.19	Revised
4.23	4.20	
4.24	4.21	Revised
4.25	4.22	
4.26	4.23	
	4.24	New
4.27		Deleted
4.28	4.25	Revised
4.29	4.26	
4.30	4.27	Revised
4.31	4.28	
	4.29	New
4.32	4.30	
4.33		Deleted
4.34		Deleted
4.35	4.31	
4.36		Deleted

CHAPTER 4 - ordered by 8e number		
7e Number	8e number	Comment
<b>Exact Solutions</b>		
4.01	4.01	
4.02	4.02	Revised
4.03	4.03	
4.04	4.04	Revised
4.05	4.05	
<b>Dimensionless Conduction</b>		
<b>Heat Rates</b>		
4.07	4.06	
4.08	4.07	
4.09	4.08	
4.10	4.09	
4.11	4.10	
4.12	4.11	
4.13	4.12	
4.14	4.13	Revised
4.15	4.14	
4.17	4.15	Revised
4.18	4.16	
4.19	4.17	Revised
4.20	4.18	
<b>Shape Factors with Thermal Circuits</b>		
4.22	4.19	Revised
4.23	4.20	
4.24	4.21	Revised
4.25	4.22	
4.26	4.23	
	4.24	New
4.28	4.25	Revised
4.29	4.26	
4.30	4.27	Revised
4.31	4.28	
	4.29	New
4.32	4.30	
4.35	4.31	
4.37	4.32	Revised
<b>Finite Difference Equations: Derivations</b>		
4.38	4.33	
4.39	4.34	
4.41	4.35	

CHAPTER 4 - ordered by 7e number		
7e Number	8e number	Comment
4.37	4.32	Revised
<b>Finite Difference Equations: Derivations</b>		
4.38	4.33	
4.39	4.34	
4.40		Deleted
4.41	4.35	
4.42	4.36	
4.43	4.37	
4.44	4.38	
4.45	4.39	
4.46	4.40	
	4.41	New
4.47	4.42	
4.48	4.43	
4.49	4.44	
<b>Finite Difference Equations: Analysis</b>		
4.50	4.45	Revised
4.51		Deleted
4.52	4.46	
	4.47	New
4.53	4.48	
4.54	4.49	Revised
4.55	4.50	
4.56	4.51	
4.57	4.52	
4.58	4.53	
4.59	4.54	
4.60	4.55	
4.61		Deleted
4.62	4.56	
4.63	4.57	
4.64		Deleted
4.65	4.58	
4.66	4.59	Revised
4.67	4.60	
4.68		Deleted
	4.61	New
4.69	4.62	
4.70	4.63	
4.71	4.64	
4.72		Deleted
4.73	4.65	Revised

CHAPTER 4 - ordered by 8e number		
7e Number	8e number	Comment
4.42	4.36	
4.43	4.37	
4.44	4.38	
4.45	4.39	
4.46	4.40	
	4.41	New
4.47	4.42	
4.48	4.43	
4.49	4.44	
<b>Finite Difference Equations: Analysis</b>		
4.50	4.45	Revised
4.52	4.46	
	4.47	New
4.53	4.48	
4.54	4.49	Revised
4.55	4.50	
4.56	4.51	
4.57	4.52	
4.58	4.53	
4.59	4.54	
4.60	4.55	
4.62	4.56	
4.63	4.57	
4.65	4.58	
4.66	4.59	Revised
4.67	4.60	
	4.61	New
4.69	4.62	
4.70	4.63	
4.71	4.64	
4.73	4.65	Revised
4.74	4.66	
4.75	4.67	
4.76	4.68	
4.78	4.69	
4.79	4.70	
4.81	4.71	
4.84	4.72	
	4.73	New
4.94	4.74	
<b>Supplementary Material</b>		

CHAPTER 4 - ordered by 7e number		
7e Number	8e number	Comment
4.74	4.66	
4.75	4.67	
4.76	4.68	
4.77		Deleted
4.78	4.69	
4.79	4.70	
4.80		Deleted
4.81	4.71	
4.82		Deleted
4.83		Deleted
4.84	4.72	
4.85		Deleted
4.86		Deleted
	4.73	New

**Special Applications: Finite Element Analysis**

4.87		Deleted
4.88		Deleted
4.89		Deleted
4.90		Deleted
4.91		Deleted
4.92		Deleted
4.93		Deleted
4.94	4.74	
4.95		Deleted
4.96		Deleted

**Supplementary Material**

4S.1	4S.1	
4S.2	4S.2	
4S.3	4S.3	
4S.4	4S.4	
4S.5	4S.5	
4S.6	4S.6	
4S.7	4S.7	
4S.8	4S.8	

CHAPTER 4 - ordered by 8e number		
7e Number	8e number	Comment
	4S.1	
	4S.2	
	4S.3	
	4S.4	
	4S.5	
	4S.6	
	4S.7	
	4S.8	
<b>Deleted 7e problems</b>		
	4.06	Deleted
	4.16	Deleted
	4.21	Deleted
	4.27	Deleted
	4.33	Deleted
	4.34	Deleted
	4.36	Deleted
	4.40	Deleted
	4.51	Deleted
	4.61	Deleted
	4.64	Deleted
	4.68	Deleted
	4.72	Deleted
	4.77	Deleted
	4.80	Deleted
	4.82	Deleted
	4.83	Deleted
	4.85	Deleted
	4.86	Deleted
	4.87	Deleted
	4.88	Deleted
	4.89	Deleted
	4.90	Deleted
	4.91	Deleted
	4.92	Deleted
	4.93	Deleted
	4.95	Deleted
	4.96	Deleted

CHAPTER 5 - ordered by 7e number		
7e Number	8e number	Comment
<b>Qualitative Considerations</b>		
5.01	5.01	
5.02	5.02	
5.03	5.03	
	5.04	New
5.04	5.05	
<b>Lumped Capacitance Method</b>		
5.05	5.06	
5.06	5.07	Revised
5.07	5.08	
5.08	5.09	Revised
5.09	5.10	Revised
5.10	5.11	
5.11	5.12	Revised
5.12	5.13	
5.13		Deleted
5.14	5.14	
5.15	5.15	
5.16		Deleted
5.17		Deleted
5.18		Deleted
5.19	5.16	
5.20	5.17	Revised
5.21	5.18	
5.22	5.19	Revised
5.23	5.20	
5.24		Deleted
5.25	5.21	
5.26	5.22	
5.27	5.23	
5.28	5.24	
5.29	5.25	
5.30		Deleted
5.31		Deleted
5.32	5.26	
5.33	5.27	
5.34		Deleted
5.35	5.28	
5.36	5.29	
5.37	5.30	
5.38	5.31	
	5.32	New

CHAPTER 5 - ordered by 8e number		
7e Number	8e number	Comment
<b>Qualitative Considerations</b>		
5.01	5.01	
5.02	5.02	
5.03	5.03	
	5.04	New
5.04	5.05	
<b>Lumped Capacitance Method</b>		
5.05	5.06	
5.06	5.07	Revised
5.07	5.08	
5.08	5.09	Revised
5.09	5.10	Revised
5.10	5.11	
5.11	5.12	Revised
5.12	5.13	
5.14	5.14	
5.15	5.15	
5.16	5.16	
5.17	5.17	Revised
5.18	5.18	
5.19	5.19	Revised
5.20	5.20	
5.21	5.21	
5.22	5.22	
5.23	5.23	
5.24	5.24	
5.25	5.25	
5.26	5.26	
5.27	5.27	
5.28	5.28	
5.29	5.29	
5.30	5.30	
5.31	5.31	
	5.32	New
5.32	5.33	
5.33	5.34	
<b>One-Dimensional Conduction: The Plane Wall</b>		
5.34	5.35	
5.35	5.36	

CHAPTER 5 - ordered by 7e number		
7e Number	8e number	Comment
5.39		Deleted
5.40		Deleted
5.41	5.33	
5.42	5.34	
<b>One-Dimensional Conduction: The Plane Wall</b>		
5.43	5.35	
5.44	5.36	
5.45		Deleted
5.46		Deleted
5.47	5.37	
5.48		Deleted
5.49	5.38	
5.50	5.39	
5.51	5.40	
5.52		Deleted
5.53	5.41	
5.54	5.42	
5.55	5.43	
5.56	5.44	
5.57	5.45	Revised
5.58	5.46	
5.59	5.47	Revised
<b>One-Dimensional Conduction: The Long Cylinder</b>		
5.60	5.48	
5.61	5.49	
5.62	5.50	
5.63	5.51	
5.64	5.52	
5.65		Deleted
5.66	5.53	Revised
5.67	5.54	
5.68		Deleted
5.69	5.55	
5.70		Deleted
<b>One-Dimensional Conduction: The Sphere</b>		
5.71		Deleted
5.72		Deleted
5.73	5.56	
5.74	5.57	

CHAPTER 5 - ordered by 8e number		
7e Number	8e number	Comment
	5.37	
	5.38	
	5.39	
	5.40	
	5.41	
	5.42	
	5.43	
	5.44	
	5.45	Revised
	5.46	
	5.47	Revised
<b>One-Dimensional Conduction: The Long Cylinder</b>		
	5.48	
	5.49	
	5.50	
	5.51	
	5.52	
	5.53	Revised
	5.54	
	5.55	
<b>One-Dimensional Conduction: The Sphere</b>		
	5.56	
	5.57	
	5.58	New
	5.59	
	5.60	
	5.61	
	5.62	
	5.63	
	5.64	
<b>Semi-Infinite Media</b>		
	5.65	Revised
	5.66	
	5.67	
	5.68	
	5.69	
	5.70	
	5.71	New
	5.72	

CHAPTER 5 - ordered by 7e number		
7e Number	8e number	Comment
	5.58	New
5.75	5.59	
5.76	5.60	
5.77	5.61	
5.78		Deleted
5.79		Deleted
5.80	5.62	
5.81	5.63	
5.82	5.64	
<b>Semi-Infinite Media</b>		
5.83	5.65	Revised
5.84	5.66	
5.85		Deleted
5.86	5.67	
5.87		Deleted
5.88	5.68	
5.89	5.69	
5.90	5.70	
5.91		Deleted
	5.71	New
5.92	5.72	
5.93	5.73	
5.94	5.74	
5.95	5.75	
5.96	5.76	
5.97		Deleted
5.98	5.77	
<b>Objects with Constant Surface Temperatures or Surface Heat Fluxes and Periodic Heating</b>		
5.99		Deleted
5.100	5.78	
5.101	5.79	Revised
5.102	5.80	
5.103		Deleted
5.104	5.81	
5.105	5.82	
5.106	5.83	
5.107	5.84	
	5.85	New
	5.86	New
<b>Finite Difference Equations: Derivations</b>		

CHAPTER 5 - ordered by 8e number		
7e Number	8e number	Comment
	5.93	
	5.94	
	5.95	
	5.96	
	5.98	
		<b>Objects with Constant Surface Temperatures or Surface Heat Fluxes and Periodic Heating</b>
	5.100	
	5.101	Revised
	5.102	
	5.104	
	5.105	
	5.106	
	5.107	
		<b>Finite Difference Equations: Derivations</b>
	5.108	
	5.109	
	5.110	
	5.111	
	5.114	
	5.115	
		<b>Finite Difference Solutions: One-Dimensional Systems</b>
	5.116	
		<b>Finite Difference Solutions: One-Dimensional Systems</b>
	5.93	
	5.94	New
	5.95	New
	5.117	
	5.118	
	5.120	
	5.121	
	5.122	
	5.124	
	5.125	
		<b>Finite Difference Solutions: One-Dimensional Systems</b>
	5.100	
	5.101	
	5.102	
	5.103	New
	5.104	
	5.105	

CHAPTER 5 - ordered by 7e number		
7e Number	8e number	Comment
5.108	5.87	
5.109	5.88	
5.110	5.89	
5.111	5.90	
5.112		Deleted
5.113		Deleted
5.114	5.91	
5.115	5.92	
<b>Finite Difference Solutions: One-Dimensional Systems</b>		
5.116	5.93	
	5.94	New
	5.95	New
5.117	5.96	
5.118	5.97	
5.119		Deleted
5.120	5.98	
5.121	5.99	
5.122	5.100	
5.123		Deleted
5.124	5.101	
5.125	5.102	
	5.103	New
5.126	5.104	
5.127	5.105	
5.128		Deleted
5.129	5.106	
5.130		Deleted
5.131		Deleted
5.132	5.107	
5.133	5.108	
5.134	5.109	
5.135		Deleted
5.136		Deleted
<b>Finite Difference Equations: Cylindrical Coordinates</b>		
5.137	5.110	
5.138	5.111	
<b>Finite Difference Solutions: Two-Dimensional Systems</b>		
5.139	5.112	
5.140	5.113	

CHAPTER 5 - ordered by 8e number		
7e Number	8e number	Comment
5.129	5.106	
5.132	5.107	
5.133	5.108	
5.134	5.109	
		<b>Finite Difference Equations: Cylindrical Coordinates</b>
5.137	5.110	
5.138	5.111	
		<b>Finite Difference Solutions: Two-Dimensional Systems</b>
5.139	5.112	
5.140	5.113	
5.141	5.114	
<b>Supplementary Material</b>		
5S.1	5S.1	
5S.2	5S.2	
5S.3	5S.3	
5S.4	5S.4	
5S.5	5S.5	
5S.6	5S.6	
5S.7	5S.7	
5S.8	5S.8	
5S.9	5S.9	
5S.10	5S.10	
5S.11	5S.11	
5S.12	5S.12	
5S.13	5S.13	
5S.14	5S.14	
<b>Deleted 7e problems</b>		
5.13		Deleted
5.16		Deleted
5.17		Deleted
5.18		Deleted
5.24		Deleted
5.30		Deleted
5.31		Deleted
5.34		Deleted
5.39		Deleted
5.40		Deleted
5.45		Deleted

CHAPTER 5 - ordered by 7e number		
7e Number	8e number	Comment
5.141	5.114	
<b>Special Applications: Finite Element Analysis</b>		
5.142 Deleted		
5.143 Deleted		
5.144 Deleted		
5.145 Deleted		
5.146 Deleted		
5.147 Deleted		
5.148 Deleted		
<b>Supplementary Material</b>		
5S.1	5S.1	
5S.2	5S.2	
5S.3	5S.3	
5S.4	5S.4	
5S.5	5S.5	
5S.6	5S.6	
5S.7	5S.7	
5S.8	5S.8	
5S.9	5S.9	
5S.10	5S.10	
5S.11	5S.11	
5S.12	5S.12	
5S.13	5S.13	
5S.14	5S.14	

CHAPTER 5 - ordered by 8e number		
7e Number	8e number	Comment
	5.46	Deleted
	5.48	Deleted
	5.52	Deleted
	5.65	Deleted
	5.68	Deleted
	5.70	Deleted
	5.71	Deleted
	5.72	Deleted
	5.78	Deleted
	5.79	Deleted
	5.85	Deleted
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	5.91	Deleted
	5.97	Deleted
	5.99	Deleted
	5.103	Deleted
	5.112	Deleted
	5.113	Deleted
	5.119	Deleted
	5.123	Deleted
	5.128	Deleted
	5.130	Deleted
	5.131	Deleted
	5.135	Deleted
	5.136	Deleted
	5.142	Deleted
	5.143	Deleted
	5.144	Deleted
	5.145	Deleted
	5.146	Deleted
	5.147	Deleted
	5.148	Deleted

CHAPTER 6 - ordered by 7e number		
7e Number	8e number	Comment
<b>Boundary Layer Profiles</b>		
6.01	6.01	
6.02	6.02	
6.03	6.03	
6.04	6.04	Revised
<b>Heat Transfer Coefficients</b>		
6.05	6.05	
6.06	6.06	
6.07		Deleted
6.08		Deleted
6.09	6.07	
	6.08	New
6.10	6.09	
6.11	6.10	
6.12	6.11	Revised
6.13	6.12	
6.14		Deleted
6.15		Deleted
6.16	6.13	
6.17	6.14	
<b>Boundary Layer Transition</b>		
6.18	6.15	
6.19	6.16	Revised
	6.17	New
6.20		Deleted
6.21	6.18	
6.22	6.19	
6.23		Deleted
<b>Similarity and Dimensionless Parameters</b>		
6.24		Deleted
6.25	6.20	
	6.21	New
6.26	6.22	
6.27	6.23	Revised
6.28	6.24	
6.29	6.25	
6.30	6.26	
6.31	6.27	
6.32		Deleted
6.33		Deleted
6.34	6.28	
6.35		Deleted

CHAPTER 6 - ordered by 8e number		
7e Number	8e number	Comment
<b>Boundary Layer Profiles</b>		
6.01	6.01	
6.02	6.02	
6.03	6.03	
6.04	6.04	Revised
<b>Heat Transfer Coefficients</b>		
6.05	6.05	
6.06	6.06	
6.09	6.07	
	6.08	New
6.10	6.09	
6.11	6.10	
6.12	6.11	Revised
6.13	6.12	
6.16	6.13	
6.17	6.14	
<b>Boundary Layer Transition</b>		
6.18	6.15	
6.19	6.16	Revised
	6.17	New
6.21	6.18	
6.22	6.19	
<b>Similarity and Dimensionless Parameters</b>		
6.25	6.20	
	6.21	New
6.26	6.22	
6.27	6.23	Revised
6.28	6.24	
6.29	6.25	
6.30	6.26	
6.31	6.27	
6.34	6.28	
6.37	6.29	
6.38	6.30	
6.39	6.31	
6.40	6.32	
6.41	6.33	
6.43	6.34	
6.44	6.35	
<b>Reynolds Analogy</b>		
6.45	6.36	

CHAPTER 6 - ordered by 7e number		
7e Number	8e number	Comment
6.36		Deleted
6.37	6.29	
6.38	6.30	
6.39	6.31	
6.40	6.32	
6.41	6.33	
6.42		Deleted
6.43	6.34	
6.44	6.35	
<b>Reynolds Analogy</b>		
6.45	6.36	
6.46	6.37	Revised
6.47	6.38	
6.48		Deleted
6.49	6.39	
6.50	6.40	
6.51	6.41	Revised
<b>Mass Transfer Coefficients</b>		
6.52	6.42	Revised
6.53	6.43	
	6.44	New
6.54	6.45	
6.55	6.46	Revised
6.56	6.47	
<b>Similarity and Heat-Mass Transfer Analogy</b>		
6.57	6.48	
6.58		Deleted
6.59	6.49	
6.60	6.50	Revised
	6.51	New
6.61		Deleted
6.62	6.52	
6.63	6.53	
6.64	6.54	Revised
6.65		Deleted
6.66	6.55	Revised
6.67	6.56	
6.68		Deleted
6.69		Deleted
6.70		Deleted
6.71	6.57	
6.72	6.58	

CHAPTER 6 - ordered by 8e number		
7e Number	8e number	Comment
6.46	6.37	Revised
6.47	6.38	
6.49	6.39	
6.50	6.40	
6.51	6.41	Revised
<b>Mass Transfer Coefficients</b>		
6.52	6.42	Revised
6.53	6.43	
	6.44	New
6.54	6.45	
6.55	6.46	Revised
6.56	6.47	
<b>Similarity and Heat-Mass Transfer Analogy</b>		
6.57	6.48	
6.59	6.49	
6.60	6.50	Revised
	6.51	New
6.62	6.52	
6.63	6.53	
6.64	6.54	Revised
6.66	6.55	Revised
6.67	6.56	
6.71	6.57	
6.72	6.58	
6.73	6.59	Revised
6.74	6.60	Revised
<b>Evaporative Cooling</b>		
6.75	6.61	
6.77	6.62	Revised
6.79	6.63	
6.80	6.64	
6.82	6.65	Revised
6.83	6.66	
6.85	6.67	
<b>Supplementary Material</b>		
6S.1	6S.1	
6S.2	6S.2	
6S.3	6S.3	
6S.4	6S.4	
6S.5	6S.5	
6S.6	6S.6	

CHAPTER 6 - ordered by 7e number		
7e Number	8e number	Comment
6.73	6.59	Revised
6.74	6.60	Revised
<b>Evaporative Cooling</b>		
6.75	6.61	
6.76		Deleted
6.77	6.62	Revised
6.78		Deleted
6.79	6.63	
6.80	6.64	
6.81		Deleted
6.82	6.65	Revised
6.83	6.66	
6.84		Deleted
6.85	6.67	
<b>Supplementary Material</b>		
6S.1	6S.1	
6S.2	6S.2	
6S.3	6S.3	
6S.4	6S.4	
6S.5	6S.5	
6S.6	6S.6	
6S.7	6S.7	
6S.8	6S.8	
6S.9	6S.9	
6S.10	6S.10	
6S.11	6S.11	
6S.12	6S.12	
6S.13	6S.13	
6S.14	6S.14	

CHAPTER 6 - ordered by 8e number		
7e Number	8e number	Comment
6S.7	6S.7	
6S.8	6S.8	
6S.9	6S.9	
6S.10	6S.10	
6S.11	6S.11	
6S.12	6S.12	
6S.13	6S.13	
6S.14	6S.14	
<b>Deleted 7e problems</b>		
6.07		Deleted
6.08		Deleted
6.14		Deleted
6.15		Deleted
6.20		Deleted
6.23		Deleted
6.24		Deleted
6.32		Deleted
6.33		Deleted
6.35		Deleted
6.36		Deleted
6.42		Deleted
6.48		Deleted
6.58		Deleted
6.61		Deleted
6.65		Deleted
6.68		Deleted
6.69		Deleted
6.70		Deleted
6.76		Deleted
6.78		Deleted
6.81		Deleted
6.84		Deleted

CHAPTER 7 - ordered by 7e number		
7e Number	8e number	Comment
<b>Flat Plate in Parallel Flow</b>		
7.01	7.01	
7.02	7.02	
7.03		Deleted
7.04	7.03	
7.05	7.04	
7.06	7.05	
7.07	7.06	
7.08		Deleted
7.09		Deleted
7.10	7.07	Revised
7.11	7.08	
7.12	7.09	
7.13	7.10	Revised
	7.11	New
	7.12	New
7.14	7.13	
7.15		Deleted
7.16		Deleted
7.17		Deleted
7.18	7.14	
7.19	7.15	
7.20	7.16	Revised
7.21	7.17	Revised
7.22	7.18	Revised
7.23		Deleted
7.24	7.19	
7.25		Deleted
7.26	7.20	
7.27	7.21	Revised
7.28		Deleted
7.29	7.22	
7.30	7.23	
7.31	7.24	
7.32	7.25	
7.33		Deleted
7.34	7.26	
7.35	7.27	
7.36		Deleted
7.37	7.28	
7.38		Deleted
7.39	7.29	

CHAPTER 7 - ordered by 8e number		
7e Number	8e number	Comment
<b>Flat Plate in Parallel Flow</b>		
7.01	7.01	
7.02	7.02	
7.04	7.03	
7.05	7.04	
7.06	7.05	
7.07	7.06	
7.10	7.07	Revised
7.11	7.08	
7.12	7.09	
7.13	7.10	Revised
	7.11	New
	7.12	New
7.14	7.13	
7.18	7.14	
7.19	7.15	
7.20	7.16	Revised
7.21	7.17	Revised
7.22	7.18	Revised
7.24	7.19	
7.26	7.20	
7.27	7.21	Revised
7.29	7.22	
7.30	7.23	
7.31	7.24	
7.32	7.25	
7.34	7.26	
7.35	7.27	
7.37	7.28	
7.39	7.29	
<b>Cylinder in Cross Flow</b>		
7.46	7.34	Revised
7.48	7.35	
7.49	7.36	Revised
7.50	7.37	Revised
	7.38	New
	7.39	New
7.51	7.40	

CHAPTER 7 - ordered by 7e number		
7e Number	8e number	Comment
7.40		Deleted
7.41	7.30	
7.42		Deleted
7.43	7.31	
7.44	7.32	
7.45	7.33	
<b>Cylinder in Cross Flow</b>		
7.46	7.34	Revised
7.47		Deleted
7.48	7.35	
7.49	7.36	Revised
7.50	7.37	Revised
	7.38	New
	7.39	New
7.51	7.40	
7.52		Deleted
7.53	7.41	
7.54		Deleted
7.55		Deleted
7.56	7.42	
7.57	7.43	
7.58	7.44	
7.59	7.45	Revised
7.60		Deleted
7.61		Deleted
7.62	7.46	
7.63		Deleted
7.64	7.47	Revised
7.65		Deleted
7.66	7.48	
7.67	7.49	
7.68	7.50	
7.69	7.51	
7.70		Deleted
7.71	7.52	
7.72	7.53	
7.73		Deleted
<b>Spheres</b>		
7.74	7.54	Revised
7.75	7.55	
7.76		Deleted
7.77	7.56	Revised

CHAPTER 7 - ordered by 8e number		
7e Number	8e number	Comment
7.53	7.41	
7.56	7.42	
7.57	7.43	
7.58	7.44	
7.59	7.45	Revised
7.62	7.46	
7.64	7.47	Revised
7.66	7.48	
7.67	7.49	
7.68	7.50	
7.69	7.51	
7.71	7.52	
7.72	7.53	
<b>Spheres</b>		
7.74	7.54	Revised
7.75	7.55	
7.77	7.56	Revised
	7.57	New
7.78	7.58	
7.79	7.59	
7.80	7.60	
7.81	7.61	Revised
7.82	7.62	
7.83	7.63	
7.84	7.64	
7.85	7.65	
7.86	7.66	
7.87	7.67	Revised
<b>Tube Banks</b>		
7.89	7.68	
7.90	7.69	
7.91	7.70	
7.92	7.71	Revised
7.93	7.72	
7.94	7.73	
7.95	7.74	
7.98	7.75	
<b>Impinging Jets</b>		
7.99	7.76	
7.100	7.77	Revised
7.101	7.78	
7.102	7.79	

CHAPTER 7 - ordered by 7e number		
7e Number	8e number	Comment
	7.57	New
7.78	7.58	
7.79	7.59	
7.80	7.60	
7.81	7.61	Revised
7.82	7.62	
7.83	7.63	
7.84	7.64	
7.85	7.65	
7.86	7.66	
7.87	7.67	Revised
7.88		Deleted
<b>Tube Banks</b>		
7.89	7.68	
7.90	7.69	
7.91	7.70	
7.92	7.71	Revised
7.93	7.72	
7.94	7.73	
7.95	7.74	
7.96		Deleted
7.97		Deleted
7.98	7.75	
<b>Impinging Jets</b>		
7.99	7.76	
7.100	7.77	Revised
7.101	7.78	
7.102	7.79	
	7.80	New
7.103	7.81	
7.104	7.82	
7.105		Deleted
7.106	7.83	
<b>Packed Beds</b>		
7.107	7.84	
7.108	7.85	Revised
7.109	7.86	
7.110	7.87	
7.111	7.88	
7.112	7.89	
7.113	7.90	
<b>Heat and Mass Transfer</b>		

CHAPTER 7 - ordered by 8e number		
7e Number	8e number	Comment
	7.80	New
7.103	7.81	
7.104	7.82	
7.106	7.83	
	<b>Packed Beds</b>	
7.107	7.84	
7.108	7.85	Revised
7.109	7.86	
7.110	7.87	
7.111	7.88	
7.112	7.89	
7.113	7.90	
	<b>Heat and Mass Transfer</b>	
7.114	7.91	Revised
7.115	7.92	
7.116	7.93	
7.119	7.94	
7.123	7.95	Revised
7.124	7.96	
7.126	7.97	
	7.98	New
	7.99	New
7.128	7.100	
7.129	7.101	
7.130	7.102	
7.131	7.103	
7.132	7.104	
7.133	7.105	
7.134	7.106	Revised
7.136	7.107	
7.137	7.108	
7.139	7.109	
7.140	7.110	
7.141	7.111	
7.143	7.112	
7.144	7.113	
7.145	7.114	
7.147	7.115	
7.149	7.116	
<b>Deleted 7e problems</b>		
7.03		Deleted
7.08		Deleted

CHAPTER 7 - ordered by 7e number		
7e Number	8e number	Comment
7.114	7.91	Revised
7.115	7.92	
7.116	7.93	
7.117		Deleted
7.118		Deleted
7.119	7.94	
7.120		Deleted
7.121		Deleted
7.122		Deleted
7.123	7.95	Revised
7.124	7.96	
7.125		Deleted
7.126	7.97	
7.127		Deleted
	7.98	New
	7.99	New
7.128	7.100	
7.129	7.101	
7.130	7.102	
7.131	7.103	
7.132	7.104	
7.133	7.105	
7.134	7.106	Revised
7.135		Deleted
7.136	7.107	
7.137	7.108	
7.138		Deleted
7.139	7.109	
7.140	7.110	
7.141	7.111	
7.142		Deleted
7.143	7.112	
7.144	7.113	
7.145	7.114	
7.146		Deleted
7.147	7.115	
7.148		Deleted
7.149	7.116	

CHAPTER 7 - ordered by 8e number		
7e Number	8e number	Comment
	7.09	Deleted
	7.15	Deleted
	7.16	Deleted
	7.17	Deleted
	7.23	Deleted
	7.25	Deleted
	7.28	Deleted
	7.33	Deleted
	7.36	Deleted
	7.38	Deleted
	7.40	Deleted
	7.42	Deleted
	7.47	Deleted
	7.52	Deleted
	7.54	Deleted
	7.55	Deleted
	7.60	Deleted
	7.61	Deleted
	7.63	Deleted
	7.65	Deleted
	7.70	Deleted
	7.73	Deleted
	7.76	Deleted
	7.88	Deleted
	7.96	Deleted
	7.97	Deleted
	7.105	Deleted
	7.117	Deleted
	7.118	Deleted
	7.120	Deleted
	7.121	Deleted
	7.122	Deleted
	7.125	Deleted
	7.127	Deleted
	7.135	Deleted
	7.138	Deleted
	7.142	Deleted
	7.146	Deleted
	7.148	Deleted

CHAPTER 8 - ordered by 7e number		
7e Number	8e number	Comment
<b>Hydrodynamic Considerations</b>		
8.01	8.01	Revised
	8.02	New
8.02	8.03	Revised
8.03	8.04	
8.04	8.05	
8.05	8.06	
<b>Thermal Entry Length and Energy Balance Considerations</b>		
8.06	8.07	
8.07	8.08	
8.08		Deleted
8.09	8.09	
8.10	8.10	
8.11	8.11	
	8.12	New
8.12	8.13	
8.13		Deleted
8.14	8.14	
8.15	8.22	
8.16	8.15	
8.17		Deleted
8.18		Deleted
8.19	8.23	Revised
8.20	8.16	
8.21	8.17	
8.22	8.18	
8.23		Deleted
8.24	8.19	
<b>Heat Transfer Correlations: Circular Tubes</b>		
8.25		Deleted
8.26	8.20	
8.27	8.21	
8.28	8.24	Revised
8.29	8.25	
8.30	8.26	Revised
8.31	8.27	
8.32		Deleted
8.33	8.28	
8.34	8.29	
8.35		Deleted
	8.30	New

CHAPTER 8 - ordered by 8e number		
7e Number	8e number	Comment
<b>Hydrodynamic Considerations</b>		
8.01	8.01	Revised
	8.02	New
8.02	8.03	Revised
8.03	8.04	
8.04	8.05	
8.05	8.06	
<b>Thermal Entry Length and Energy Balance</b>		
8.06	8.07	
8.07	8.08	
8.09	8.09	
8.10	8.10	
8.11	8.11	
	8.12	New
8.12	8.13	
8.14	8.14	
8.16	8.15	
8.20	8.16	
8.21	8.17	
8.22	8.18	
8.24	8.19	
<b>Heat Transfer Correlations: Circular Tubes</b>		
8.26	8.20	
8.27	8.21	
8.15	8.22	
8.19	8.23	Revised
8.28	8.24	Revised
8.29	8.25	
8.30	8.26	Revised
8.31	8.27	
8.33	8.28	
8.34	8.29	
	8.30	New
8.36	8.31	Revised
8.37	8.32	
8.39	8.33	
8.43	8.34	Revised
8.44	8.35	
8.45	8.36	Revised
8.46	8.37	

CHAPTER 8 - ordered by 7e number		
7e Number	8e number	Comment
8.36	8.31	Revised
8.37	8.32	
8.38		Deleted
8.39	8.33	
8.40		Deleted
8.41		Deleted
8.42		Deleted
8.43	8.34	Revised
8.44	8.35	
8.45	8.36	Revised
8.46	8.37	
8.47	8.38	
	8.39	New
8.48	8.40	
8.49		Deleted
8.50	8.41	
8.51	8.42	
8.52		Deleted
8.53	8.43	
8.54	8.44	
8.55		Deleted
8.56	8.45	
8.57	8.46	Revised
8.58	8.47	Revised
8.59	8.48	
8.60	8.49	
8.61	8.50	
8.62		Deleted
8.63		Deleted
8.64		Deleted
8.65	8.51	
8.66	8.52	
8.67	8.53	
8.68		Deleted
8.69		Deleted
8.70	8.54	Revised
8.71		Deleted
8.72	8.55	Revised
8.73	8.56	
8.74	8.57	Revised
8.75	8.58	
8.76	8.59	

CHAPTER 8 - ordered by 8e number		
7e Number	8e number	Comment
8.47	8.38	
	8.39	New
8.48	8.40	
8.50	8.41	
8.51	8.42	
8.53	8.43	
8.54	8.44	
8.56	8.45	
8.57	8.46	Revised
8.58	8.47	Revised
8.59	8.48	
8.60	8.49	
8.61	8.50	
8.65	8.51	
8.66	8.52	
8.67	8.53	
8.70	8.54	Revised
8.72	8.55	Revised
8.73	8.56	
8.74	8.57	Revised
8.75	8.58	
8.76	8.59	
<b>Noncircular Ducts</b>		
8.80	8.61	Revised
8.81	8.62	
8.82	8.63	
8.85	8.64	Revised
8.86	8.65	
8.87	8.66	
8.89	8.67	
	8.68	New
8.92	8.69	
8.93	8.70	
8.94	8.71	Revised
8.95	8.72	
8.97	8.73	Revised
8.99	8.74	
<b>Heat Transfer Enhancement</b>		
8.100	8.75	
8.101	8.76	
8.102	8.77	

CHAPTER 8 - ordered by 7e number		
7e Number	8e number	Comment
8.77	8.60	
8.78		Deleted
8.79		Deleted
<b>Noncircular Ducts</b>		
8.80	8.61	Revised
8.81	8.62	
8.82	8.63	
8.83		Deleted
8.84		Deleted
8.85	8.64	Revised
8.86	8.65	
8.87	8.66	
8.88		Deleted
8.89	8.67	
	8.68	New
8.90		Deleted
8.91		Deleted
8.92	8.69	
8.93	8.70	
8.94	8.71	Revised
8.95	8.72	
8.96		Deleted
8.97	8.73	Revised
8.98		Deleted
8.99	8.74	
<b>Heat Transfer Enhancement</b>		
8.100	8.75	
8.101	8.76	
8.102	8.77	
8.103	8.78	
8.104	8.79	
8.105	8.80	
8.106	8.81	
<b>Flow in Small Channels</b>		
8.107	8.82	
	8.83	New
8.108	8.84	Revised
8.109	8.85	
8.110	8.86	
8.111		Deleted
8.112	8.87	
8.113		Deleted

CHAPTER 8 - ordered by 8e number		
7e Number	8e number	Comment
8.103	8.78	
8.104	8.79	
8.105	8.80	
8.106	8.81	
<b>Flow in Small Channels</b>		
8.107	8.82	
	8.83	New
8.108	8.84	Revised
8.109	8.85	
8.110	8.86	
8.112	8.87	
8.114	8.88	
8.115	8.89	
8.116	8.90	
8.117	8.91	
<b>Mass Transfer</b>		
8.118	8.92	
	8.93	New
8.120	8.94	
	8.95	New
8.121	8.96	
8.123	8.97	
8.124	8.98	
8.125	8.99	
8.127	8.100	
8.128	8.101	
8.129	8.102	
<b>Deleted 7e problems</b>		
8.08		Deleted
8.13		Deleted
8.17		Deleted
8.18		Deleted
8.23		Deleted
8.25		Deleted
8.32		Deleted
8.35		Deleted
8.38		Deleted
8.40		Deleted
8.41		Deleted
8.42		Deleted
8.49		Deleted
8.52		Deleted

CHAPTER 8 - ordered by 7e number		
7e Number	8e number	Comment
8.114	8.88	
8.115	8.89	
8.116	8.90	
8.117	8.91	
<b>Mass Transfer</b>		
8.118	8.92	
8.119		Deleted
	8.93	New
8.120	8.94	
	8.95	New
8.121	8.96	
8.122		Deleted
8.123	8.97	
8.124	8.98	
8.125	8.99	
8.126		Deleted
8.127	8.100	
8.128	8.101	
8.129	8.102	

CHAPTER 8 - ordered by 8e number		
7e Number	8e number	Comment
	8.55	Deleted
	8.62	Deleted
	8.63	Deleted
	8.64	Deleted
	8.68	Deleted
	8.69	Deleted
	8.71	Deleted
	8.78	Deleted
	8.79	Deleted
	8.83	Deleted
	8.84	Deleted
	8.88	Deleted
	8.90	Deleted
	8.91	Deleted
	8.96	Deleted
	8.98	Deleted
	8.111	Deleted
	8.113	Deleted
	8.119	Deleted
	8.122	Deleted
	8.126	Deleted

CHAPTER 9 - ordered by 7e number		
7e Number	8e number	Comment
<b>Properties and General Considerations</b>		
9.01	9.01	Revised
9.02	9.02	
	9.03	New
9.03	9.04	Revised
9.04	9.05	
9.05	9.06	
<b>Vertical Plates</b>		
9.06		Deleted
9.07	9.07	Revised
9.08	9.08	
9.09	9.09	
9.10	9.10	Revised
9.11		Deleted
9.12		Deleted
9.13	9.11	Revised
9.14	9.12	
9.15		Deleted
9.16		Deleted
9.17	9.13	
	9.14	New
9.18	9.15	
9.19	9.16	
9.20	9.17	
9.21		Deleted
9.22		Deleted
9.23	9.18	
9.24	9.19	
9.25	9.20	
9.26	9.21	
9.27	9.22	
9.28		Deleted
9.29	9.23	
9.30		Deleted
9.31	9.24	
9.32		Deleted
9.33	9.25	
<b>Horizontal and Inclined Plates</b>		
9.34		Deleted
9.35	9.26	Revised
9.36	9.27	
9.37	9.28	Revised

CHAPTER 9 - ordered by 8e number		
7e Number	8e number	Comment
<b>Properties and General Considerations</b>		
9.01	9.01	Revised
9.02	9.02	
	9.03	New
9.03	9.04	Revised
9.04	9.05	
9.05	9.06	
<b>Vertical Plates</b>		
9.07	9.07	Revised
9.08	9.08	
9.09	9.09	
9.10	9.10	Revised
9.13	9.11	Revised
9.14	9.12	
9.17	9.13	
	9.14	New
9.18	9.15	
9.19	9.16	
9.20	9.17	
9.23	9.18	
9.24	9.19	
9.25	9.20	
9.26	9.21	
9.27	9.22	
9.29	9.23	
9.31	9.24	
9.33	9.25	
<b>Horizontal and Inclined Plates</b>		
9.35	9.26	Revised
9.36	9.27	
9.37	9.28	Revised
9.38	9.29	Revised
	9.30	New
9.40	9.31	
9.42	9.32	
9.43	9.33	Revised
9.45	9.34	
9.46	9.35	
9.48	9.36	
9.50	9.37	

CHAPTER 9 - ordered by 7e number		
7e Number	8e number	Comment
9.38	9.29	Revised
	9.30	New
9.39		Deleted
9.40	9.31	
9.41		Deleted
9.42	9.32	
9.43	9.33	Revised
9.44		Deleted
9.45	9.34	
9.46	9.35	
9.47		Deleted
9.48	9.36	
9.49		Deleted
9.50	9.37	
9.51	9.38	
<b>Horizontal Cylinders and Spheres</b>		
9.52		Deleted
9.53	9.39	Revised
9.54	9.40	
9.55		Deleted
9.56	9.41	Revised
9.57	9.42	
9.58		Deleted
9.59	9.43	
9.60		Deleted
9.61		Deleted
9.62	9.44	
9.63	9.45	
	9.46	New
9.64	9.47	
9.65	9.48	
9.66	9.49	
9.67		Deleted
9.68		Deleted
9.69	9.50	
9.70		Deleted
9.71		Deleted
9.72	9.51	
9.73	9.52	
9.74	9.53	
9.75	9.54	
9.76	9.55	

CHAPTER 9 - ordered by 8e number		
7e Number	8e number	Comment
9.51	9.38	
	<b>Horizontal Cylinders and Spheres</b>	
9.53	9.39	Revised
9.54	9.40	
9.56	9.41	Revised
9.57	9.42	
9.59	9.43	
9.62	9.44	
9.63	9.45	
	9.46	New
9.64	9.47	
9.65	9.48	
9.66	9.49	
9.69	9.50	
9.72	9.51	
9.73	9.52	
9.74	9.53	
9.75	9.54	
9.76	9.55	
<b>Parallel Plate Channels</b>		
9.78	9.57	
9.79	9.58	
9.80	9.59	
9.81	9.60	
9.82	9.61	
9.83	9.62	
9.84	9.63	
9.85	9.64	Revised
<b>Rectangular Cavities</b>		
9.86	9.65	
9.87	9.66	
9.88	9.67	
9.89	9.68	
9.90	9.69	
9.93	9.70	
9.95	9.71	
9.97	9.72	
9.98	9.73	
<b>Concentric Cylinders and Spheres</b>		

CHAPTER 9 - ordered by 7e number		
7e Number	8e number	Comment
9.77	9.56	Revised
<b>Parallel Plate Channels</b>		
9.78	9.57	
9.79	9.58	
9.80	9.59	
9.81	9.60	
9.82	9.61	
9.83	9.62	
9.84	9.63	
9.85	9.64	Revised
<b>Rectangular Cavities</b>		
9.86	9.65	
9.87	9.66	
9.88	9.67	
9.89	9.68	
9.90	9.69	
9.91		Deleted
9.92		Deleted
9.93	9.70	
9.94		Deleted
9.95	9.71	
9.96		Deleted
9.97	9.72	
9.98	9.73	
<b>Concentric Cylinders and Spheres</b>		
9.99	9.74	
9.100	9.75	
9.101	9.76	Revised
9.102		Deleted
	9.77	New
9.103	9.78	
9.104	9.79	
9.105		Deleted
9.106	9.80	
9.107		Deleted
9.108	9.81	
<b>Mixed Convection</b>		
9.109	9.82	
9.110	9.83	Revised
9.111		
	9.85	New
9.112		
9.113	9.87	
9.114	9.88	
9.115	9.89	

CHAPTER 9 - ordered by 8e number		
7e Number	8e number	Comment
9.99	9.74	
9.100	9.75	
9.101	9.76	Revised
	9.77	New
9.103	9.78	
9.104	9.79	
9.106	9.80	
9.108	9.81	
<b>Mixed Convection</b>		
9.109	9.82	
9.110	9.83	Revised
9.111	9.84	
	9.85	New
9.112	9.86	
9.113	9.87	
9.114	9.88	
9.115	9.89	
<b>Mass Transfer</b>		
	9.90	New
9.118	9.91	
9.119	9.92	Revised
<b>Deleted 7e problems</b>		
9.06		Deleted
9.11		Deleted
9.12		Deleted
9.15		Deleted
9.16		Deleted
9.21		Deleted
9.22		Deleted
9.28		Deleted
9.30		Deleted
9.32		Deleted
9.34		Deleted
9.39		Deleted
9.41		Deleted
9.44		Deleted
9.47		Deleted
9.49		Deleted
9.52		Deleted
9.55		Deleted
9.58		Deleted
9.60		Deleted

CHAPTER 9 - ordered by 7e number		
7e Number	8e number	Comment
9.113	9.87	
9.114	9.88	
9.115	9.89	
9.116		Deleted
<b>Mass Transfer</b>		
9.117		Deleted
	9.90	New
9.118	9.91	
9.119	9.92	Revised
9.120		Deleted

CHAPTER 9 - ordered by 8e number		
7e Number	8e number	Comment
	9.61	Deleted
	9.67	Deleted
	9.68	Deleted
	9.70	Deleted
	9.71	Deleted
	9.91	Deleted
	9.92	Deleted
	9.94	Deleted
	9.96	Deleted
	9.102	Deleted
	9.105	Deleted
	9.107	Deleted
	9.116	Deleted
	9.117	Deleted
	9.120	Deleted

CHAPTER 10 - ordered by 7e number		
7e Number	8e number	Comment
<b>General Considerations</b>		
10.01	10.01	Revised
10.02	10.02	
10.03	10.03	
10.04	10.04	
<b>Nucleate Boiling and Critical Heat Flux</b>		
10.05	10.05	Revised
10.06		Deleted
10.07	10.06	
	10.07	New
10.08		Deleted
10.09	10.08	
10.10		Deleted
10.11	10.09	
10.12	10.10	Revised
10.13	10.11	
	10.12	New
10.14		Deleted
10.15	10.13	
10.16		Deleted
10.17	10.14	
10.18		Deleted
10.19	10.15	Revised
10.20	10.16	
10.21	10.17	
10.22		Deleted
10.23	10.18	
10.24		Deleted
10.25		Deleted
10.26	10.19	
<b>Minimum Heat Flux and Film Boiling</b>		
10.27		Deleted
10.28	10.20	
	10.21	New
10.29	10.22	
10.30	10.23	Revised
10.31		Deleted
10.32		Deleted
10.33	10.24	
10.34	10.25	
10.35		Deleted
10.36	10.26	

CHAPTER 10 - ordered by 8e number		
7e Number	8e number	Comment
<b>General Considerations</b>		
10.01	10.01	Revised
10.02	10.02	
10.03	10.03	
10.04	10.04	
<b>Nucleate Boiling and Critical Heat Flux</b>		
10.05	10.05	Revised
10.07	10.06	
	10.07	New
10.09	10.08	
10.11	10.09	
10.12	10.10	Revised
10.13	10.11	
	10.12	New
10.15	10.13	
10.17	10.14	
10.19	10.15	Revised
10.20	10.16	
10.21	10.17	
10.23	10.18	
10.26	10.19	
<b>Minimum Heat Flux and Film Boiling</b>		
10.28	10.20	
	10.21	New
10.29	10.22	
10.30	10.23	Revised
10.33	10.24	
10.34	10.25	
10.36	10.26	
10.38	10.27	
<b>Forced Convection Boiling</b>		
10.39	10.28	
10.40	10.29	Revised
10.41	10.30	
10.42	10.31	
10.43	10.32	
<b>Film Condensation</b>		
10.44	10.33	Revised
10.45	10.34	
10.46	10.35	

CHAPTER 10 - ordered by 7e number		
7e Number	8e number	Comment
10.37		Deleted
10.38	10.27	
<b>Forced Convection Boiling</b>		
10.39	10.28	
10.40	10.29	Revised
10.41	10.30	
10.42	10.31	
10.43	10.32	
<b>Film Condensation</b>		
10.44	10.33	Revised
10.45	10.34	
10.46	10.35	
	10.36	New
10.47		Deleted
10.48	10.37	
10.49		Deleted
10.50	10.38	Revised
10.51		Deleted
10.52	10.39	
	10.40	New
10.53		Deleted
10.54	10.41	Revised
10.55		Deleted
10.56	10.42	
10.57	10.43	
10.58	10.44	
10.59	10.45	
10.60		Deleted
10.61		Deleted
10.62	10.46	
10.63		Deleted
10.64		Deleted
10.65	10.47	
<b>Condensation in Tubes</b>		
10.66	10.48	
10.67	10.49	
10.68	10.50	
10.69	10.51	
<b>Dropwise Condensation</b>		
10.70	10.52	Revised
10.71	10.53	
<b>Combined Boiling/Condensation</b>		
10.73	10.54	
10.74	10.55	Revised
	10.56	New
10.76	10.57	
10.77	10.58	
<b>Deleted 7e problems</b>		
10.06		Deleted
10.08		Deleted
10.10		Deleted
10.14		Deleted
10.16		Deleted
10.18		Deleted
10.22		Deleted
10.24		Deleted
10.25		Deleted
10.27		Deleted
10.31		Deleted
10.32		Deleted
10.35		Deleted
10.37		Deleted
<b>Combined Boiling/Condensation</b>		

CHAPTER 10 - ordered by 8e number		
7e Number	8e number	Comment
	10.36	New
10.48	10.37	
10.50	10.38	Revised
10.52	10.39	
	10.40	New
10.54	10.41	Revised
10.56	10.42	
10.57	10.43	
10.58	10.44	
10.59	10.45	
10.62	10.46	
10.65	10.47	
<b>Condensation in Tubes</b>		
10.66	10.48	
10.67	10.49	
10.68	10.50	
10.69	10.51	
<b>Dropwise Condensation</b>		
10.70	10.52	Revised
10.71	10.53	
<b>Combined Boiling/Condensation</b>		
10.73	10.54	
10.74	10.55	Revised
	10.56	New
10.76	10.57	
10.77	10.58	
<b>Deleted 7e problems</b>		
10.06		Deleted
10.08		Deleted
10.10		Deleted
10.14		Deleted
10.16		Deleted
10.18		Deleted
10.22		Deleted
10.24		Deleted
10.25		Deleted
10.27		Deleted
10.31		Deleted
10.32		Deleted
10.35		Deleted
10.37		Deleted

CHAPTER 10 - ordered by 7e number		
7e Number	8e number	Comment
10.72		Deleted
10.73	10.54	
10.74	10.55	Revised
10.75		Deleted
	10.56	New
10.76	10.57	
10.77	10.58	

CHAPTER 10 - ordered by 8e number		
7e Number	8e number	Comment
	10.47	Deleted
	10.49	Deleted
	10.51	Deleted
	10.53	Deleted
	10.55	Deleted
	10.60	Deleted
	10.61	Deleted
	10.63	Deleted
	10.64	Deleted
	10.72	Deleted
	10.75	Deleted

CHAPTER 11 - ordered by 7e number		
7e Number	8e number	Comment
<b>Overall Heat Transfer Coefficient</b>		
11.01		Deleted
	11.01	New
11.02	11.02	
11.03	11.03	
11.04		Deleted
11.05	11.04	
11.06		Deleted
11.07	11.05	
11.08	11.06	
11.09	11.07	Revised
11.10	11.08	
11.11	11.09	
<b>Design and Performance Calculations</b>		
11.12	11.10	Revised
11.13	11.11	
11.14	11.12	
11.15	11.13	
	11.14	New
11.16	11.15	Revised
11.17	11.16	
11.18		Deleted
11.19		Deleted
11.20	11.17	Revised
11.21	11.18	
11.22	11.19	
11.23	11.20	Revised
11.24		Deleted
11.25	11.21	
11.26	11.22	
11.27	11.23	
11.28		Deleted
11.29	11.24	
11.30		Deleted
11.31		Deleted
11.32	11.25	
11.33		Deleted
11.34	11.26	Revised
11.35	11.27	
11.36		Deleted
11.37		Deleted
	11.28	New

CHAPTER 11 - ordered by 8e number		
7e Number	8e number	Comment
<b>Overall Heat Transfer Coefficient</b>		
	11.01	New
11.02	11.02	
11.03	11.03	
11.05	11.04	
11.07	11.05	
11.08	11.06	
11.09	11.07	Revised
11.10	11.08	
11.11	11.09	
<b>Design and Performance Calculations</b>		
11.12	11.10	Revised
11.13	11.11	
11.14	11.12	
11.15	11.13	
	11.14	New
11.16	11.15	Revised
11.17	11.16	
11.20	11.17	Revised
11.21	11.18	
11.22	11.19	
11.23	11.20	Revised
11.25	11.21	
11.26	11.22	
11.27	11.23	
11.29	11.24	
11.32	11.25	
11.34	11.26	Revised
11.35	11.27	
	11.28	New
11.38	11.29	
11.39	11.30	
11.41	11.31	
11.42	11.32	
11.43	11.33	Revised
11.44	11.34	
11.45	11.35	Revised
11.46	11.36	
11.47	11.37	
11.49	11.38	

CHAPTER 11 - ordered by 7e number		
7e Number	8e number	Comment
11.38	11.29	
11.39	11.30	
11.40		Deleted
11.41	11.31	
11.42	11.32	
11.43	11.33	Revised
11.44	11.34	
11.45	11.35	Revised
11.46	11.36	
11.47	11.37	
11.48		Deleted
11.49	11.38	
11.50		Deleted
11.51	11.39	
11.52	11.40	
11.53		Deleted
11.54	11.41	
	11.42	New
11.55	11.43	
11.56		Deleted
11.57	11.44	
11.58	11.45	
11.59	11.46	Revised
11.60		Deleted
11.61		Deleted
11.62	11.47	
11.63	11.48	
11.64	11.49	Revised
11.65	11.50	Revised
11.66		Deleted
11.67	11.51	
11.68	11.52	
11.69	11.53	
11.70	11.54	
11.71		Deleted
11.72	11.55	
11.73	11.56	
11.74		Deleted
11.75		Deleted
11.76	11.57	
11.77	11.58	
11.78	11.59	

CHAPTER 11 - ordered by 8e number		
7e Number	8e number	Comment
11.51	11.39	
11.52	11.40	
11.54	11.41	
	11.42	New
11.55	11.43	
11.57	11.44	
11.58	11.45	
11.59	11.46	Revised
11.62	11.47	
11.63	11.48	
11.64	11.49	Revised
11.65	11.50	Revised
11.67	11.51	
11.68	11.52	
11.69	11.53	
11.70	11.54	
11.72	11.55	
11.73	11.56	
11.76	11.57	
11.78	11.58	
11.80	11.60	
11.81	11.61	
11.82	11.62	Revised
11.83	11.63	
11.85	11.64	
11.87	11.65	
<b>Additional Considerations</b>		
11.88	11.66	
	11.67	New
11.89	11.68	
11.90	11.69	
11.91	11.70	
11.92	11.71	
11.93	11.72	
11.94	11.73	
<b>Supplementary Material</b>		
11S.1	11S.1	
11S.2	11S.2	
11S.3	11S.3	
11S.4	11S.4	
11S.5	11S.5	

CHAPTER 11 - ordered by 7e number		
7e Number	8e number	Comment
11.79		Deleted
11.80	11.60	
11.81	11.61	
11.82	11.62	Revised
11.83	11.63	
11.84		Deleted
11.85	11.64	
11.86		Deleted
11.87	11.65	
<b>Additional Considerations</b>		
11.88	11.66	
	11.67	New
11.89	11.68	
11.90	11.69	
11.91	11.70	
11.92	11.71	
11.93	11.72	
11.94	11.73	
<b>Supplementary Material</b>		
11S.1	11S.1	
11S.2	11S.2	
11S.3	11S.3	
11S.4	11S.4	
11S.5	11S.5	
11S.6	11S.6	
11S.7	11S.7	
11S.8	11S.8	
11S.9	11S.9	
11S.10	11S.10	
11S.11	11S.11	
11S.12	11S.12	
11S.13	11S.13	
11S.14	11S.14	
11S.15	11S.15	
11S.16	11S.16	
11S.17	11S.17	
11S.18	11S.18	

CHAPTER 11 - ordered by 8e number		
7e Number	8e number	Comment
11S.6	11S.6	
11S.7	11S.7	
11S.8	11S.8	
11S.9	11S.9	
11S.10	11S.10	
11S.11	11S.11	
11S.12	11S.12	
11S.13	11S.13	
11S.14	11S.14	
11S.15	11S.15	
11S.16	11S.16	
11S.17	11S.17	
11S.18	11S.18	
<b>Deleted 7e problems</b>		
11.01		Deleted
11.04		Deleted
11.06		Deleted
11.18		Deleted
11.19		Deleted
11.24		Deleted
11.28		Deleted
11.30		Deleted
11.31		Deleted
11.33		Deleted
11.36		Deleted
11.37		Deleted
11.40		Deleted
11.48		Deleted
11.50		Deleted
11.53		Deleted
11.56		Deleted
11.60		Deleted
11.61		Deleted
11.66		Deleted
11.71		Deleted
11.74		Deleted
11.75		Deleted
11.79		Deleted
11.84		Deleted
11.86		Deleted

CHAPTER 12 - ordered by 7e number		
7e Number	8e number	Comment
<b>Radiation Heat Fluxes</b>		
12.01	12.01	
12.02	12.02	Revised
12.03	12.03	Revised
12.04	12.04	Revised
<b>Intensity, Emissive Power, and Irradiation</b>		
12.05	12.05	
12.06	12.06	
12.07		Deleted
12.08		Deleted
12.09	12.90	
12.10	12.91	
12.11	12.92	Revised
	12.08	New
12.12		Deleted
12.13	12.09	
12.14	12.10	
12.15	12.11	
12.16	12.12	
12.17		Deleted
<b>Blackbody Radiation</b>		
12.18		Deleted
12.19	12.13	
12.20	12.14	
12.21		Deleted
12.22	12.15	Revised
12.23	12.16	
12.24	12.17	Revised
12.25		Deleted
12.26	12.18	
12.27	12.19	
12.28	12.20	
	12.21	New
12.29		Deleted
12.30		Deleted
12.31	12.74	
12.32	12.22	
12.33	12.23	
<b>Properties: Emissivity</b>		
12.34	12.24	
12.35		Deleted
12.36		Deleted

CHAPTER 12 - ordered by 8e number		
7e Number	8e number	Comment
<b>Radiation Fluxes: Definitions</b>		
12.01	12.01	
12.02	12.02	Revised
12.03	12.03	Revised
12.04	12.04	Revised
<b>Intensity, Emissive Power, and Irradiation</b>		
12.05	12.05	
12.06	12.06	
12.82	12.07	Revised
	12.08	New
12.13	12.09	
12.14	12.10	
12.15	12.11	
12.16	12.12	
<b>Blackbody Radiation</b>		
12.19	12.13	
12.20	12.14	
12.22	12.15	Revised
12.23	12.16	
12.24	12.17	Revised
12.26	12.18	
12.27	12.19	
12.28	12.20	
	12.21	New
12.32	12.22	
12.33	12.23	
<b>Emissivity</b>		
12.34	12.24	
12.37	12.25	
12.38	12.26	
12.39	12.27	Revised
12.40	12.28	
	12.29	New
12.41	12.30	
12.42	12.31	
12.44	12.32	
<b>Absorptivity, Reflectivity, and Transmissivity</b>		
12.49	12.33	
12.50	12.34	Revised
	12.35	New

CHAPTER 12 - ordered by 7e number		
7e Number	8e number	Comment
12.37	12.25	
12.38	12.26	
12.39	12.27	Revised
12.40	12.28	
	12.29	New
12.41	12.30	
12.42	12.31	
12.43		Deleted
12.44	12.32	
12.45		Deleted
12.46		Deleted
12.47	12.53	Revised
12.48		Deleted
<b>Absorptivity, Reflectivity, and Transmissivity</b>		
12.49	12.33	
12.50	12.34	Revised
	12.35	New
12.51		Deleted
12.52	12.36	Revised
12.53		Deleted
12.54	12.37	Revised
12.55	12.58	Revised
12.56	12.38	
12.57	12.39	
12.58	12.52	Revised
12.59	12.40	
12.60	12.59	
12.61	12.41	
12.62	12.42	
12.63	12.60	
12.64		Deleted
12.65		Deleted
12.66	12.43	
12.67	12.44	Revised
12.68		Deleted
<b>Energy Balances and Properties</b>		
12.69	12.45	
12.70	12.47	
	12.48	New
12.71	12.49	
12.72	12.51	
12.73		Deleted

CHAPTER 12 - ordered by 8e number		
7e Number	8e number	Comment
12.52	12.36	Revised
12.54	12.37	Revised
12.56	12.38	
12.57	12.39	
12.59	12.40	
12.61	12.41	
12.62	12.42	
12.66	12.43	
12.67	12.44	Revised
	<b>Radiation Fluxes and Rates</b>	
12.69	12.45	
12.111	12.46	Revised
12.70	12.47	
	12.48	New
12.71	12.49	
12.93	12.50	
12.72	12.51	
12.58	12.52	Revised
12.47	12.53	Revised
12.136	12.54	
12.74	12.55	
12.75	12.56	
12.76	12.57	
12.55	12.58	Revised
12.60	12.59	
12.63	12.60	
12.100	12.61	
12.129	12.62	
12.135	12.63	
12.139	12.64	
	<b>Radiation Detection</b>	
12.81	12.65	
12.83	12.66	
12.85	12.67	
12.87	12.68	
12.89	12.69	
12.90	12.70	
	<b>Applications</b>	
12.91	12.71	
12.92	12.72	
12.94	12.73	
12.31	12.74	

CHAPTER 12 - ordered by 7e number		
7e Number	8e number	Comment
12.74	12.55	
12.75	12.56	
12.76	12.57	
12.77		Deleted
12.78		Deleted
12.79		Deleted
<b>Radiation Detection</b>		
12.80		Deleted
12.81	12.65	
12.82	12.07	Revised
12.83	12.66	
12.84		Deleted
12.85	12.67	
12.86		Deleted
12.87	12.68	
12.88		Deleted
12.89	12.69	
12.90	12.70	
<b>Applications</b>		
12.91	12.71	
12.92	12.72	
12.93	12.50	
12.94	12.73	
12.95		Deleted
12.96		Deleted
12.97	12.75	
12.98		Deleted
12.99	12.76	
12.100	12.61	
12.101		Deleted
12.102	12.77	
12.103	12.78	
12.104	12.79	
12.105	12.80	
12.106		Deleted
<b>Environmental Radiation</b>		
12.107		Deleted
12.108	12.93	
12.109		Deleted
12.110		Deleted
12.111	12.46	Revised
12.112	12.94	Revised

CHAPTER 12 - ordered by 8e number		
7e Number	8e number	Comment
12.97	12.75	
12.99	12.76	
12.102	12.77	
12.103	12.78	
12.104	12.79	
12.105	12.80	
12.117	12.81	
12.118	12.82	
<b>Space Radiation</b>		
12.130	12.83	
12.132	12.84	
12.133	12.85	
12.134	12.86	
12.137	12.87	
12.140	12.88	
12.141	12.89	
<b>Environmental Radiation</b>		
12.09	12.90	
12.10	12.91	
12.11	12.92	Revised
12.108	12.93	
12.112	12.94	Revised
12.113	12.95	
12.115	12.96	Revised
	12.97	New
12.116	12.98	
12.119	12.99	
12.123	12.100	Revised
12.125	12.101	
12.127	12.102	Revised
12.128	12.103	
<b>Heat and Mass Transfer</b>		
12.142	12.104	Revised
12.143	12.105	
12.144	12.106	
12.145	12.107	
12.146	12.108	
<b>Deleted 7e problems</b>		
12.07		Deleted
12.08		Deleted
12.12		Deleted
12.17		Deleted

CHAPTER 12 - ordered by 7e number		
7e Number	8e number	Comment
12.113	12.95	
12.114		Deleted
12.115	12.96	Revised
	12.97	New
12.116	12.98	
12.117	12.81	
12.118	12.82	
12.119	12.99	
12.120		Deleted
12.121		Deleted
12.122		Deleted
12.123	12.100	Revised
12.124		Deleted
12.125	12.101	
12.126		Deleted
12.127	12.102	Revised
12.128	12.103	
<b>Space Radiation</b>		
12.129	12.62	
12.130	12.83	
12.131		Deleted
12.132	12.84	
12.133	12.85	
12.134	12.86	
12.135	12.63	
12.136	12.54	
12.137	12.87	
12.138		Deleted
12.139	12.64	
12.140	12.88	
12.141	12.89	
<b>Heat and Mass Transfer</b>		
12.142	12.104	Revised
12.143	12.105	
12.144	12.106	
12.145	12.107	
12.146	12.108	

CHAPTER 12 - ordered by 8e number		
7e Number	8e number	Comment
12.18		Deleted
12.21		Deleted
12.25		Deleted
12.29		Deleted
12.30		Deleted
12.35		Deleted
12.36		Deleted
12.43		Deleted
12.45		Deleted
12.46		Deleted
12.48		Deleted
12.51		Deleted
12.53		Deleted
12.64		Deleted
12.65		Deleted
12.68		Deleted
12.73		Deleted
12.77		Deleted
12.78		Deleted
12.79		Deleted
12.80		Deleted
12.84		Deleted
12.86		Deleted
12.88		Deleted
12.95		Deleted
12.96		Deleted
12.98		Deleted
12.101		Deleted
12.106		Deleted
12.107		Deleted
12.109		Deleted
12.110		Deleted
12.114		Deleted
12.120		Deleted
12.121		Deleted
12.122		Deleted
12.124		Deleted
12.126		Deleted
12.131		Deleted
12.138		Deleted

CHAPTER 13 - ordered by 7e number		
7e Number	8e number	Comment
<b>View Factors</b>		
13.01		Deleted
	13.01	New
	13.02	New
13.02	13.03	Revised
13.03		Deleted
13.04	13.04	
13.05	13.05	
13.06	13.06	
13.07	13.07	
13.08		Deleted
13.09		Deleted
13.10	13.08	
13.11	13.09	
13.12		Deleted
13.13	13.10	
13.14	13.11	
13.15	13.12	
13.16	13.13	
<b>Blackbody Radiation Exchange</b>		
13.17		Deleted
13.18	13.14	Revised
13.19	13.15	
13.20	13.16	
13.21	13.17	Revised
13.22		Deleted
13.23	13.18	
13.24		Deleted
13.25	13.19	
13.26		Deleted
13.27	13.20	
13.28		Deleted
13.29	13.21	Revised
13.30	13.22	
13.31	13.23	Revised
13.32		Deleted
13.33	13.24	
13.34		Deleted
13.35	13.25	Revised
13.36	13.26	
13.37	13.27	
13.38	13.28	

CHAPTER 13 - ordered by 8e number		
7e Number	8e number	Comment
	<b>View Factors</b>	
	13.01	New
	13.02	New
13.02	13.03	Revised
13.04	13.04	
13.05	13.05	
13.06	13.06	
13.07	13.07	
13.10	13.08	
13.11	13.09	
13.13	13.10	
13.14	13.11	
13.15	13.12	
13.16	13.13	
	<b>Blackbody Radiation Exchange</b>	
13.18	13.14	Revised
13.19	13.15	
13.20	13.16	
13.21	13.17	Revised
13.23	13.18	
13.25	13.19	
13.27	13.20	
13.29	13.21	Revised
13.30	13.22	
13.31	13.23	Revised
13.33	13.24	
13.35	13.25	Revised
13.36	13.26	
13.37	13.27	
	<b>Two-Surface Enclosures and Radiation Shields</b>	
13.42	13.31	
	13.32	New
13.43	13.33	Revised
13.44	13.34	Revised
	13.35	New
13.46	13.36	
13.47	13.37	

CHAPTER 13 - ordered by 7e number		
7e Number	8e number	Comment
13.39		Deleted
13.40	13.29	
13.41	13.30	
<b>Two-Surface Enclosures</b>		
13.42	13.31	
	13.32	New
13.43	13.33	Revised
13.44	13.34	Revised
13.45		Deleted
	13.35	New
13.46	13.36	
13.47	13.37	
13.48	13.38	Revised
13.49		Deleted
13.50	13.39	
13.51	13.40	
13.52		Deleted
13.53		Deleted
13.54	13.41	Revised
13.55	13.42	
13.56		Deleted
13.57		Deleted
13.58		Deleted
13.59	13.43	
13.60	13.44	
13.61	13.45	
13.62	13.46	
13.63	13.47	Revised
13.64		Deleted
<b>Enclosures with a Reradiating Surface</b>		
13.65		Deleted
	13.48	New
13.66	13.49	
13.67	13.50	Revised
13.68	13.51	Revised
13.69	13.52	
13.70	13.53	Revised
13.71		Deleted
13.72		Deleted
13.73		Deleted
13.74	13.54	
13.75		Deleted

CHAPTER 13 - ordered by 8e number		
7e Number	8e number	Comment
13.48	13.38	Revised
13.50	13.39	
13.51	13.40	
13.54	13.41	Revised
13.55	13.42	
13.59	13.43	
13.60	13.44	
13.61	13.45	
13.62	13.46	
13.63	13.47	Revised
<b>Enclosures with a Reradiating Surface</b>		
	13.48	New
13.66	13.49	
13.67	13.50	Revised
13.68	13.51	Revised
13.69	13.52	
13.70	13.53	Revised
13.74	13.54	
13.77	13.55	Revised
13.78	13.56	
13.79	13.57	
13.80	13.58	
13.81	13.59	
13.82	13.60	
13.83	13.61	
<b>Enclosures: Three or More Surfaces</b>		
13.84	13.62	
13.85	13.63	Revised
	13.64	New
13.87	13.65	
13.88	13.66	
13.90	13.67	
13.91	13.68	
13.93	13.69	
<b>Multimode Heat Transfer: Introductory</b>		
13.94	13.70	
13.96	13.71	
13.97	13.72	
13.98	13.73	Revised

CHAPTER 13 - ordered by 7e number		
7e Number	8e number	Comment
13.76		Deleted
13.77	13.55	Revised
13.78	13.56	
13.79	13.57	
13.80	13.58	
13.81	13.59	
13.82	13.60	
13.83	13.61	
<b>Enclosures: Three or More Surfaces</b>		
13.84	13.62	
13.85	13.63	Revised
13.86		Deleted
	13.64	New
13.87	13.65	
13.88	13.66	
13.89		Deleted
13.90	13.67	
13.91	13.68	
13.92		Deleted
13.93	13.69	
<b>Multimode Heat Transfer: Introductory</b>		
13.94	13.70	
13.95		Deleted
13.96	13.71	
13.97	13.72	
13.98	13.73	Revised
13.99	13.74	
13.100		Deleted
13.101	13.75	
13.102		Deleted
13.103	13.76	
13.104	13.77	
13.105		Deleted
13.106	13.78	
13.107		Deleted
13.108	13.79	
<b>Multimode Heat Transfer: Advanced</b>		
13.109	13.80	
13.110	13.81	
13.111	13.82	Revised
13.112		Deleted
13.113	13.83	

CHAPTER 13 - ordered by 8e number		
7e Number	8e number	Comment
13.99	13.74	
13.101	13.75	
13.103	13.76	
13.104	13.77	
13.106	13.78	
13.108	13.79	
	<b>Multimode Heat Transfer: Advanced</b>	
13.109	13.80	
13.110	13.81	
13.111	13.82	Revised
13.113	13.83	
13.114	13.84	
13.117	13.85	
13.119	13.86	
13.120	13.87	
13.121	13.88	
13.123	13.89	
13.124	13.90	
13.127	13.91	
	<b>Participating Media</b>	
13.128	13.92	Revised
13.129	13.93	Revised
13.130	13.94	
13.131	13.95	
13.132	13.96	
13.133	13.97	
13.134	13.98	
13.135	13.99	
	<b>Heat and Mass Transfer</b>	
13.136	13.100	
13.137	13.101	
	13.102	New
<b>Deleted 7e problems</b>		
13.01		Deleted
13.03		Deleted
13.08		Deleted
13.09		Deleted
13.12		Deleted
13.17		Deleted
13.22		Deleted
13.24		Deleted

CHAPTER 13 - ordered by 7e number		
7e Number	8e number	Comment
13.114	13.84	
13.115		Deleted
13.116		Deleted
13.117	13.85	
13.118		Deleted
13.119	13.86	
13.120	13.87	
13.121	13.88	
13.122		Deleted
13.123	13.89	
13.124	13.90	
13.125		Deleted
13.126		Deleted
13.127	13.91	
<b>Participating Media</b>		
13.128	13.92	Revised
13.129	13.93	Revised
13.130	13.94	
13.131	13.95	
13.132	13.96	
13.133	13.97	
13.134	13.98	
13.135	13.99	
<b>Heat and Mass Transfer</b>		
13.136	13.100	
13.137	13.101	
13.138		Deleted
	13.102	New

CHAPTER 13 - ordered by 8e number		
7e Number	8e number	Comment
	13.26	Deleted
	13.28	Deleted
	13.32	Deleted
	13.34	Deleted
	13.39	Deleted
	13.45	Deleted
	13.49	Deleted
	13.52	Deleted
	13.53	Deleted
	13.56	Deleted
	13.57	Deleted
	13.58	Deleted
	13.64	Deleted
	13.65	Deleted
	13.71	Deleted
	13.72	Deleted
	13.73	Deleted
	13.75	Deleted
	13.76	Deleted
	13.86	Deleted
	13.89	Deleted
	13.92	Deleted
	13.95	Deleted
	13.100	Deleted
	13.102	Deleted
	13.105	Deleted
	13.107	Deleted
	13.112	Deleted
	13.115	Deleted
	13.116	Deleted
	13.118	Deleted
	13.122	Deleted
	13.125	Deleted
	13.126	Deleted
	13.138	Deleted

CHAPTER 14 - ordered by 7e number		
7e Number	8e number	Comment
<b>Mixture Composition</b>		
14.01	14.01	
14.02	14.02	
14.03	14.03	Revised
	14.04	New
14.04	14.05	
<b>Fick's Law and Mass Diffusivity</b>		
14.05	14.06	
14.06	14.07	
14.07	14.08	
14.08	14.09	
14.09	14.10	Revised
<b>Nonstationary Media: Column Evaporation</b>		
14.10	14.11	
14.11	14.12	Revised
14.12	14.13	
14.13	14.14	
14.14	14.15	Revised
<b>Stationary Media: Conservation of Species and Mass Diffusion Equation</b>		
14.15	14.16	Revised
14.16	14.17	
14.17	14.18	
14.18	14.19	
14.19	14.20	
<b>Discontinuous Concentrations at Interfaces</b>		
	14.21	New
14.20	14.22	
14.21	14.23	Revised
14.22	14.24	Revised
14.23	14.25	Revised
	14.26	New
14.24	14.27	Revised
14.25		Deleted
14.26	14.28	
14.27	14.29	Revised
14.28	14.30	
<b>Catalytic Surface Reactions</b>		
14.29	14.31	Revised
14.30	14.32	
14.31	14.33	
14.32	14.34	Revised

CHAPTER 14 - ordered by 8e number		
7e Number	8e number	Comment
<b>Mixture Composition</b>		
14.01	14.01	
14.02	14.02	
14.03	14.03	Revised
	14.04	New
14.04	14.05	
<b>Fick's Law and Mass Diffusivity</b>		
14.05	14.06	
14.06	14.07	
14.07	14.08	
14.08	14.09	
14.09	14.10	Revised
<b>Nonstationary Media: Column Evaporation</b>		
14.10	14.11	
14.11	14.12	Revised
14.12	14.13	
14.13	14.14	
14.14	14.15	Revised
<b>Stationary Media: Conservation of Species and Mass Diffusion Equation</b>		
14.15	14.16	Revised
14.16	14.17	
14.17	14.18	
14.18	14.19	
14.19	14.20	
<b>Discontinuous Concentrations at Interfaces</b>		
	14.21	New
14.20	14.22	
14.21	14.23	Revised
14.22	14.24	Revised
14.23	14.25	Revised
	14.26	New
14.24	14.27	Revised
14.25		Deleted
14.26	14.28	
14.27	14.29	Revised
14.28	14.30	
<b>Catalytic Surface Reactions</b>		
14.29	14.31	Revised
14.30	14.32	
14.31	14.33	
14.32	14.34	Revised

CHAPTER 14 - ordered by 7e number		
7e Number	8e number	Comment
14.33	14.35	
<b>Homogeneous Chemical Reactions: Steady State</b>		
14.34	14.36	Revised
14.35	14.37	
14.36	14.38	
14.37	14.39	
14.38	14.40	
<b>Transient Diffusion: Introductory</b>		
14.39	14.41	
14.40	14.42	Revised
14.41	14.43	Revised
14.42	14.44	
14.43	14.45	Revised
14.44	14.46	
14.45	14.47	
14.46	14.48	
14.47		Deleted
<b>Transient Diffusion: Advanced</b>		
14.48	14.49	
14.49		Deleted
14.50		Deleted
14.51	14.50	
14.52	14.51	
14.53	14.52	
14.54	14.53	
14.55	14.54	
14.56	14.55	Revised
	14.56	New

CHAPTER 14 - ordered by 8e number		
7e Number	8e number	Comment
<b>Catalytic Surface Reactions</b>		
14.29	14.31	Revised
14.30	14.32	
14.31	14.33	
14.32	14.34	Revised
14.33	14.35	
<b>Homogeneous Chemical Reactions: Steady State</b>		
14.34	14.36	Revised
14.35	14.37	
14.36	14.38	
14.37	14.39	
14.38	14.40	
<b>Transient Diffusion: Introductory</b>		
14.39	14.41	
14.40	14.42	Revised
14.41	14.43	Revised
14.42	14.44	
14.43	14.45	Revised
14.44	14.46	
14.45	14.47	
14.46	14.48	
<b>Transient Diffusion: Advanced</b>		
14.48	14.49	
14.51	14.50	
14.52	14.51	
14.53	14.52	
14.54	14.53	
14.55	14.54	
14.56	14.55	Revised
	14.56	New
<b>Deleted 7e problems</b>		
14.25		Deleted
14.47		Deleted
14.49		Deleted
14.50		Deleted