

CHAPTER 1 - ordered by 7e number		
7e number	8e number	Comment
Conduction		
	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
Convection		
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
Radiation		
	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
Relationship to Thermodynamics		
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
	Conduction	
	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
	Convection	
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	
	Radiation	
	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
1.34	1.27	Revised
	Relationship to Thermodynamics	
	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	
	Energy Balance and Multimode Effects	
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
Energy Balance and Multimode Effects		
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	
	Process Identification	
1.86	1.62	
1.87	1.63	
Deleted 7e problems		
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
Process Identification		
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
Fourier's Law		
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
Thermophysical Properties		
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
The Heat Equation		
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
	Fourier's Law	
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	
	Thermophysical Properties	
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	
	The Heat Equation	
	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	
Graphical Representations		
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	
	Graphical Representations	
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	
Deleted 7e problems		
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
Plane and Composite Walls		
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	
Contact Resistance		
	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
Porous Media		
3.34	3.27	
3.35	3.28	
3.36	3.29	

CHAPTER 3 - ordered by 8e number		
7e Number	8e number	Comment
	Plane and Composite Walls	
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	
	Contact Resistance	
	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
	Porous Media	
3.34	3.27	
3.35	3.28	
3.36	3.29	
3.37	3.30	Revised
3.38	3.31	
	Alternative Conduction Analysis	
	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	
Alternative Conduction Analysis		
	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	
Cylindrical Wall		
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
Spherical Wall		
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	
	Cylindrical Wall	
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	
	Spherical Wall	
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	
	Conduction with Thermal Energy Generation	
	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	
Conduction with Thermal Energy Generation		
	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	
Extended Surfaces		
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	
	Extended Surfaces and Simple Fins	
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
	Fin Systems and Arrays	
	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	
Simple Fins		
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
Fin Systems and Arrays		
	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	
	The Bioheat Equation	
3.165	3.127	
3.166	3.128	
3.167	3.129	
	Thermoelectric Power Generation	
3.168	3.130	
3.169	3.131	
3.170	3.132	
3.171	3.133	
3.172	3.134	
	Nanoscale Conduction	
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
Deleted 7e problems		
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
The Bioheat Equation		
3.165	3.127	
3.166	3.128	
3.167	3.129	
Thermoelectric Power Generation		
3.168	3.130	
3.169	3.131	
3.170	3.132	
3.171	3.133	
3.172	3.134	
Micro- and Nano-Scale Conduction		
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
Exact Solutions		
4.01	4.01	
4.02	4.02	Revised
4.03	4.03	
4.04	4.04	Revised
4.05	4.05	
Dimensionless Conduction Heat Rates		
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
Shape Factors with Thermal Circuits		
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
	Exact Solutions	
4.01	4.01	
4.02	4.02	Revised
4.03	4.03	
4.04	4.04	Revised
4.05	4.05	
	Dimensionless Conduction Heat Rates	
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	
	Shape Factors with Thermal Circuits	
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
	Finite Difference Equations: Derivations	
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
Finite Difference Equations: Derivations		
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	
Finite Difference Equations: Analysis		
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	
	Finite Difference Equations: Analysis	
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	
Supplementary Material		

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.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	
Deleted 7e problems		
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
Qualitative Considerations		
5.01	5.01	
5.02	5.02	
5.03	5.03	
	5.04	New
5.04	5.05	
Lumped Capacitance Method		
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
	Qualitative Considerations	
5.01	5.01	
5.02	5.02	
5.03	5.03	
	5.04	New
5.04	5.05	
	Lumped Capacitance Method	
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	
5.19	5.16	
5.20	5.17	Revised
5.21	5.18	
5.22	5.19	Revised
5.23	5.20	
5.25	5.21	
5.26	5.22	
5.27	5.23	
5.28	5.24	
5.29	5.25	
5.32	5.26	
5.33	5.27	
5.35	5.28	
5.36	5.29	
5.37	5.30	
5.38	5.31	
	5.32	New
5.41	5.33	
5.42	5.34	
	One-Dimensional Conduction: The Plane Wall	
5.43	5.35	
5.44	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	
One-Dimensional Conduction: The Plane Wall		
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
One-Dimensional Conduction: The Long Cylinder		
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
One-Dimensional Conduction: The Sphere		
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
5.47	5.37	
5.49	5.38	
5.50	5.39	
5.51	5.40	
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
One-Dimensional Conduction: The Long Cylinder		
5.60	5.48	
5.61	5.49	
5.62	5.50	
5.63	5.51	
5.64	5.52	
5.66	5.53	Revised
5.67	5.54	
5.69	5.55	
One-Dimensional Conduction: The Sphere		
5.73	5.56	
5.74	5.57	
	5.58	New
5.75	5.59	
5.76	5.60	
5.77	5.61	
5.80	5.62	
5.81	5.63	
5.82	5.64	
Semi-Infinite Media		
5.83	5.65	Revised
5.84	5.66	
5.86	5.67	
5.88	5.68	
5.89	5.69	
5.90	5.70	
	5.71	New
5.92	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	
Semi-Infinite Media		
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	
Objects with Constant Surface Temperatures or Surface Heat Fluxes and Periodic Heating		
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
Finite Difference Equations: Derivations		

CHAPTER 5 - ordered by 8e number		
7e Number	8e number	Comment
5.93	5.73	
5.94	5.74	
5.95	5.75	
5.96	5.76	
5.98	5.77	
	Objects with Constant Surface Temperatures or Surface Heat Fluxes and Periodic Heating	
5.100	5.78	
5.101	5.79	Revised
5.102	5.80	
5.104	5.81	
5.105	5.82	
5.106	5.83	
5.107	5.84	
	5.85	New
	5.86	New
	Finite Difference Equations: Derivations	
5.108	5.87	
5.109	5.88	
5.110	5.89	
5.111	5.90	
5.114	5.91	
5.115	5.92	
	Finite Difference Solutions: One-Dimensional Systems	
5.116	5.93	
	5.94	New
	5.95	New
5.117	5.96	
5.118	5.97	
5.120	5.98	
5.121	5.99	
5.122	5.100	
5.124	5.101	
5.125	5.102	
	5.103	New
5.126	5.104	
5.127	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	
Finite Difference Solutions: One-Dimensional Systems		
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
Finite Difference Equations: Cylindrical Coordinates		
5.137	5.110	
5.138	5.111	
Finite Difference Solutions: Two-Dimensional Systems		
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	
	Finite Difference Equations: Cylindrical Coordinates	
5.137	5.110	
5.138	5.111	
	Finite Difference Solutions: Two-Dimensional Systems	
5.139	5.112	
5.140	5.113	
5.141	5.114	
Supplementary Material		
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	
Deleted 7e problems		
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	
Special Applications: Finite Element Analysis		
5.142		Deleted
5.143		Deleted
5.144		Deleted
5.145		Deleted
5.146		Deleted
5.147		Deleted
5.148		Deleted
Supplementary Material		
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
5.87		Deleted
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
Boundary Layer Profiles		
6.01	6.01	
6.02	6.02	
6.03	6.03	
6.04	6.04	Revised
Heat Transfer Coefficients		
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	
Boundary Layer Transition		
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
Similarity and Dimensionless Parameters		
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
	Boundary Layer Profiles	
6.01	6.01	
6.02	6.02	
6.03	6.03	
6.04	6.04	Revised
	Heat Transfer Coefficients	
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	
	Boundary Layer Transition	
6.18	6.15	
6.19	6.16	Revised
	6.17	New
6.21	6.18	
6.22	6.19	
	Similarity and Dimensionless Parameters	
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	
	Reynolds Analogy	
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	
Reynolds Analogy		
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
Mass Transfer Coefficients		
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	
Similarity and Heat-Mass Transfer Analogy		
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
	Mass Transfer Coefficients	
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	
	Similarity and Heat-Mass Transfer Analogy	
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
	Evaporative Cooling	
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	
Supplementary Material		
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
Evaporative Cooling		
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	
Supplementary Material		
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	
Deleted 7e problems		
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
Flat Plate in Parallel Flow		
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
	Flat Plate in Parallel Flow	
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	
7.41	7.30	
7.43	7.31	
7.44	7.32	
7.45	7.33	
	Cylinder in Cross Flow	
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	
Cylinder in Cross Flow		
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
Spheres		
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	
	Spheres	
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
	Tube Banks	
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	
	Impinging Jets	
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
Tube Banks		
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	
Impinging Jets		
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	
Packed Beds		
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	
Heat and Mass Transfer		

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	
	Packed Beds	
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	
	Heat and Mass Transfer	
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	
Deleted 7e problems		
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
Hydrodynamic Considerations		
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	
Thermal Entry Length and Energy Balance Considerations		
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	
Heat Transfer Correlations: Circular Tubes		
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
	Hydrodynamic Considerations	
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	
	Thermal Entry Length and Energy Balance	
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	
	Heat Transfer Correlations: Circular Tubes	
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	
8.77	8.60	
	Noncircular Ducts	
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	
	Heat Transfer Enhancement	
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
Noncircular Ducts		
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	
Heat Transfer Enhancement		
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	
Flow in Small Channels		
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	
	Flow in Small Channels	
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	
	Mass Transfer	
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	
Deleted 7e problems		
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	
Mass Transfer		
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
Properties and General Considerations		
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	
Vertical Plates		
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	
Horizontal and Inclined Plates		
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
	Properties and General Considerations	
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	
	Vertical Plates	
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	
	Horizontal and Inclined Plates	
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	
Horizontal Cylinders and Spheres		
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	
	Horizontal Cylinders and Spheres	
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	
9.77	9.56	Revised
	Parallel Plate Channels	
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
	Rectangular Cavities	
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	
	Concentric Cylinders and Spheres	

CHAPTER 9 - ordered by 7e number		
7e Number	8e number	Comment
9.77	9.56	Revised
Parallel Plate Channels		
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
Rectangular Cavities		
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	
Concentric Cylinders and Spheres		
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	
Mixed Convection		
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	
Mass Transfer		
	9.90	New
9.118	9.91	
9.119	9.92	Revised
Deleted 7e problems		
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 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	
Mixed Convection		
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	
Mass Transfer		
	9.90	New
9.118	9.91	
9.119	9.92	Revised
Deleted 7e problems		
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
Mass Transfer		
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
General Considerations		
10.01	10.01	Revised
10.02	10.02	
10.03	10.03	
10.04	10.04	
Nucleate Boiling and Critical Heat Flux		
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	
Minimum Heat Flux and Film Boiling		
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
	General Considerations	
10.01	10.01	Revised
10.02	10.02	
10.03	10.03	
10.04	10.04	
	Nucleate Boiling and Critical Heat Flux	
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	
	Minimum Heat Flux and Film Boiling	
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	
	Forced Convection Boiling	
10.39	10.28	
10.40	10.29	Revised
10.41	10.30	
10.42	10.31	
10.43	10.32	
	Film Condensation	
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	
Forced Convection Boiling		
10.39	10.28	
10.40	10.29	Revised
10.41	10.30	
10.42	10.31	
10.43	10.32	
Film Condensation		
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	
Condensation in Tubes		
10.66	10.48	
10.67	10.49	
10.68	10.50	
10.69	10.51	
Dropwise Condensation		
10.70	10.52	Revised
10.71	10.53	
Combined Boiling/Condensation		
Deleted 7e problems		
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 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	
Condensation in Tubes		
10.66	10.48	
10.67	10.49	
10.68	10.50	
10.69	10.51	
Dropwise Condensation		
10.70	10.52	Revised
10.71	10.53	
Combined Boiling/Condensation		
10.73	10.54	
10.74	10.55	Revised
	10.56	New
10.76	10.57	
10.77	10.58	
Deleted 7e problems		
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
Overall Heat Transfer Coefficient		
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	
Design and Performance Calculations		
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
	Overall Heat Transfer Coefficient	
	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	
	Design and Performance Calculations	
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	
11.77	11.58	
11.78	11.59	
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	
	Additional Considerations	
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	
Supplementary Material		
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	
Additional Considerations		
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	
Supplementary Material		
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	
Deleted 7e problems		
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
Radiation Heat Fluxes		
12.01	12.01	
12.02	12.02	Revised
12.03	12.03	Revised
12.04	12.04	Revised
Intensity, Emissive Power, and Irradiation		
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
Blackbody Radiation		
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	
Properties: Emissivity		
12.34	12.24	
12.35		Deleted
12.36		Deleted

CHAPTER 12 - ordered by 8e number		
7e Number	8e number	Comment
	Radiation Fluxes: Definitions	
12.01	12.01	
12.02	12.02	Revised
12.03	12.03	Revised
12.04	12.04	Revised
	Intensity, Emissive Power, and Irradiation	
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	
	Blackbody Radiation	
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	
	Emissivity	
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	
	Absorptivity, Reflectivity, and Transmissivity	
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

Absorptivity, Reflectivity, and Transmissivity

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

Energy Balances and Properties

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
	Radiation Fluxes and Rates	
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	
	Radiation Detection	
12.81	12.65	
12.83	12.66	
12.85	12.67	
12.87	12.68	
12.89	12.69	
12.90	12.70	
	Applications	
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
Radiation Detection		
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	
Applications		
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
Environmental Radiation		
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	
Space Radiation		
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	
Environmental Radiation		
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	
Heat and Mass Transfer		
12.142	12.104	Revised
12.143	12.105	
12.144	12.106	
12.145	12.107	
12.146	12.108	
Deleted 7e problems		
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	
Space Radiation		
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	
Heat and Mass Transfer		
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
View Factors		
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	
Blackbody Radiation Exchange		
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
	View Factors	
	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	
	Blackbody Radiation Exchange	
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	
13.38	13.28	
13.40	13.29	
13.41	13.30	
	Two-Surface Enclosures and Radiation Shields	
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	
Two-Surface Enclosures		
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
Enclosures with a Reradiating Surface		
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
	Enclosures with a Reradiating Surface	
	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	
	Enclosures: Three or More Surfaces	
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	
	Multimode Heat Transfer: Introductory	
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	
Enclosures: Three or More Surfaces		
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	
Multimode Heat Transfer: Introductory		
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	
Multimode Heat Transfer: Advanced		
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	
	Multimode Heat Transfer: Advanced	
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	
	Participating Media	
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	
	Heat and Mass Transfer	
13.136	13.100	
13.137	13.101	
	13.102	New
Deleted 7e problems		
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	
Participating Media		
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	
Heat and Mass Transfer		
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
Mixture Composition		
14.01	14.01	
14.02	14.02	
14.03	14.03	Revised
	14.04	New
14.04	14.05	
Fick's Law and Mass Diffusivity		
14.05	14.06	
14.06	14.07	
14.07	14.08	
14.08	14.09	
14.09	14.10	Revised
Nonstationary Media: Column Evaporation		
14.10	14.11	
14.11	14.12	Revised
14.12	14.13	
14.13	14.14	
14.14	14.15	Revised
Stationary Media: Conservation of Species and Mass Diffusion Equation		
14.15	14.16	Revised
14.16	14.17	
14.17	14.18	
14.18	14.19	
14.19	14.20	
Discontinuous Concentrations at Interfaces		
	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	
Catalytic Surface Reactions		
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
	Mixture Composition	
14.01	14.01	
14.02	14.02	
14.03	14.03	Revised
	14.04	New
14.04	14.05	
	Fick's Law and Mass Diffusivity	
14.05	14.06	
14.06	14.07	
14.07	14.08	
14.08	14.09	
14.09	14.10	Revised
	Nonstationary Media: Column Evaporation	
14.10	14.11	
14.11	14.12	Revised
14.12	14.13	
14.13	14.14	
14.14	14.15	Revised
	Stationary Media: Conservation of Species and Mass Diffusion Equation	
14.15	14.16	Revised
14.16	14.17	
14.17	14.18	
14.18	14.19	
14.19	14.20	
	Discontinuous Concentrations at Interfaces	
	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
14.26	14.28	
14.27	14.29	Revised
14.28	14.30	

CHAPTER 14 - ordered by 7e number		
7e Number	8e number	Comment
14.33	14.35	
Homogeneous Chemical Reactions: Steady State		
14.34	14.36	Revised
14.35	14.37	
14.36	14.38	
14.37	14.39	
14.38	14.40	
Transient Diffusion: Introductory		
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
Transient Diffusion: Advanced		
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
	Catalytic Surface Reactions	
14.29	14.31	Revised
14.30	14.32	
14.31	14.33	
14.32	14.34	Revised
14.33	14.35	
	Homogeneous Chemical Reactions: Steady State	
14.34	14.36	Revised
14.35	14.37	
14.36	14.38	
14.37	14.39	
14.38	14.40	
	Transient Diffusion: Introductory	
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	
	Transient Diffusion: Advanced	
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
Deleted 7e problems		
14.25		Deleted
14.47		Deleted
14.49		Deleted
14.50		Deleted