	12.0	charged railloids in an ricrosof raising / 107	
	12.9	Electric Fields in Aerosol Plasmas / 190	
	12.10	Electric Processes in Clouds / 190	
	12.11	Size Distribution of Clusters in Gases / 192	
	12.12	Critical Size of Clusters / 194	
	12.13	Clusters in Hot, Weakly Ionized Gas / 195	
	12.14	Kinetics of Cluster Processes in the Parent Vapor / 196	
	12.15	Coagulation of Clusters in Expanding Gas / 200	
	12.16	Metallic Clusters in Arc Plasmas / 201	
	12.17	Instability in a Cluster Plasma / 203	
13	PLAS	MA IN EXTERNAL FIELDS	205
	13.1	Motion of an Electron in a Gas in External Fields / 205	
	13.2	Conductivity of a Weakly Ionized Gas / 206	
	13.3	Dielectric Constant of a Weakly Ionized Gas / 207	
	13.4	Plasma in a Time-Dependent Electric Field / 208	
	13.5	The Hall Effect / 210	
	13.6	Cyclotron Resonance / 212	
	13.7	Motion of Charged Particles in a Nonuniform Magnetic Field / 213	
	13.8	Excitation of a Weakly Ionized Gas by External Fields / 216	
	13.9	Magnetohydrodynamic Equations / 218	
	13.10	High-Conductivity Plasma in a Magnetic Field / 219	
	13.11	Pinch Effect / 221	
	13.12	Skin Effect / 222	
	13.13	Reconnection of Magnetic Lines of Force / 223	
14	INST	ABILITIES OF EXCITED GASES	225
	14.1	Convective Instability of Gases / 225	
	14.2	The Rayleigh Problem / 226	
	14.3	Convective Movement of Gases / 229	
	14.4	Convective Heat Transport / 230	
	14.5	Instability of Convective Motion / 232	
	14.6	Thermal Explosion / 234	