



	until a Catastrop	he
	Problems:	
	Black-body radiation	
	Heat capacities	
	The photoelectric effect	
	Atomic line spectra	
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		Energy	
	de Broglie	1924	wave nature of matter
	Heisenberg	1926-7	matrix mechanics
	Schrödinger	1926-7	wave mechanics
	Dirac	1928	relativistic quantum mechanics
	Pauling	1928	chemical bonds
and the whole of cl	hemistry are thus fi	ully known	natical treatment of large parts of physics , and the difficulty lies only in the fact 5 that are too complex to be solved. Dirac, 1929













