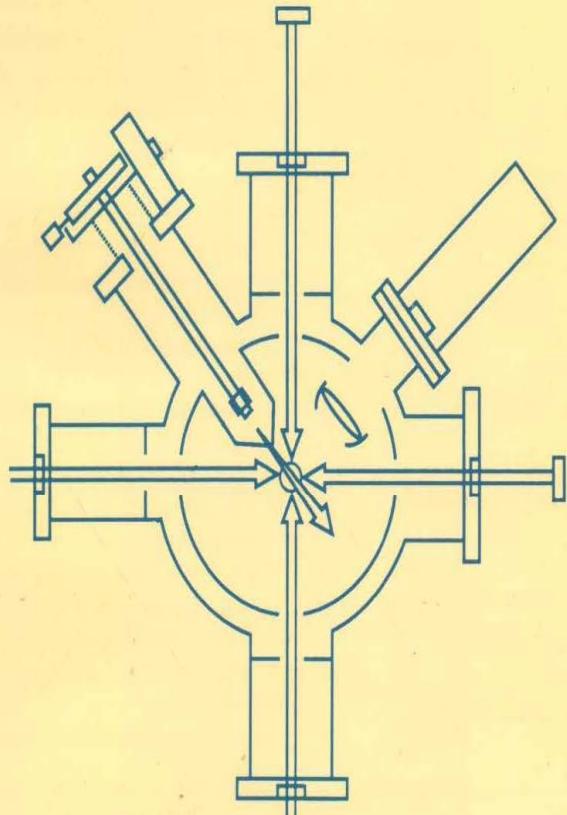


19

# Atomic Spectra

T. P. Softley



541-53-1

OXFORD SCIENCE PUBLICATIONS

Series sponsor

ZENECA

# Contents

1 Quantum mechanics and light	1
2 The structure and spectrum of the hydrogen atom	17
3 The spectra of the alkali metals	38
4 The spectrum of the helium atom	49
5 The spectra of many-electron atoms	62
Background reading	87
Index	89