This brief book is the outgrowth of some forty lectures in which it was attempted to explain the phenomenon of nuclear magnetic resonance absorption and the uses of high-resolution nuclear magnetic resonance spectroscopy to organic chemists whose background, like that of the author, has often been deficient in nuclear and electromagnetic theory.

• Front Matter

1: Introduction - The Nuclear Resonance Phenomenon
4: Nuclear Magnetic Resonance and Reaction Kinetics

5: Nuclear Quadrupole Relaxation Effects and Double Resonance