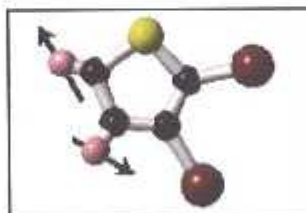
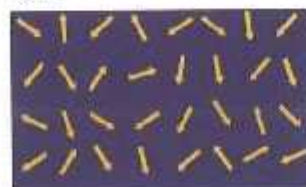


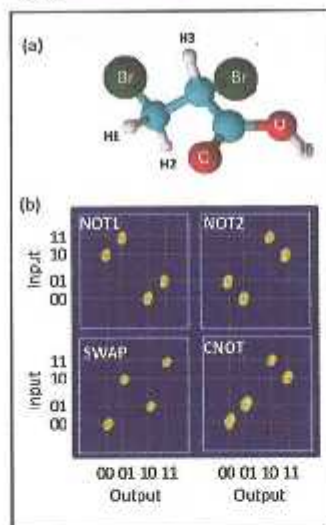
986



1012



1053

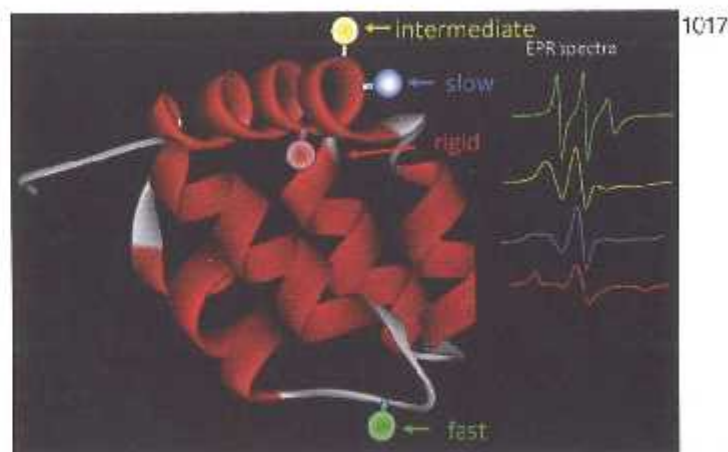


Inside Back Cover

Flowering Trees
Credit: R Arun Singh, IISc

GENERAL ARTICLES

- 963** **Zavoisky and the Discovery of EPR**
K M Salikhov and N E Zavoiskaya
- 969** **Nuclear Magnetic Resonance**
An Early History
B D Nageswara Rao
- 986** **Nuclear Spin Relaxation**
Friend and Foe
Malcolm H Levitt
- 995** **Development of Two-Dimensional NMR**
Structure Determination of Biomolecules in Solution
Anil Kumar
- 1003** **Role of MRI in Medical Diagnostics**
Rashmi Rao, Ramesh Venkatesan, Sairam Geethanath



1017

- 1012** **An EPR Primer**
S V Bhat
- 1017** **Electron Paramagnetic Resonance Spectroscopy**
Biological Applications
B G Hegde
- 1033** **Structures of Biomolecules by NMR Spectroscopy**
Hanucaffa S Atreya
- 1040** **Developments in Solid-State NMR**
K V Ramanathan
- 1053** **Quantum Information Processing by NMR**
T S Mahesh

PERSONAL REFLECTIONS

- 1066** **A Bright Future for Magnetic Resonance**
Geoffrey Bodenhausen

Front Cover



MRI of human brain.

Back Cover



Felix Bloch (1905–1983)
Edward Mills Purcell (1912–1997)
E K Zavoisky (1907–1976)
(Illustration: Subhankar Biswas)

DEPARTMENTS



Editorial 951
Anil Kumar and S V Bhat



Science Smiles 955
Ayan Guha

Article-in-a-Box
Felix Bloch 956
(1905–1983)
Anil Kumar

Edward Mills Purcell 959
(1912–1997)
Rajaram Nityananda



Information & Announcements
Science Academies' Refresher Course
1. Crystallography, 1075
Mineralogy, Igneous Petrology and Thermodynamics, Sedimentology and Economic Geology
2. Applications of 1076
Quantum Mechanics: Atoms, Molecules and Radiation