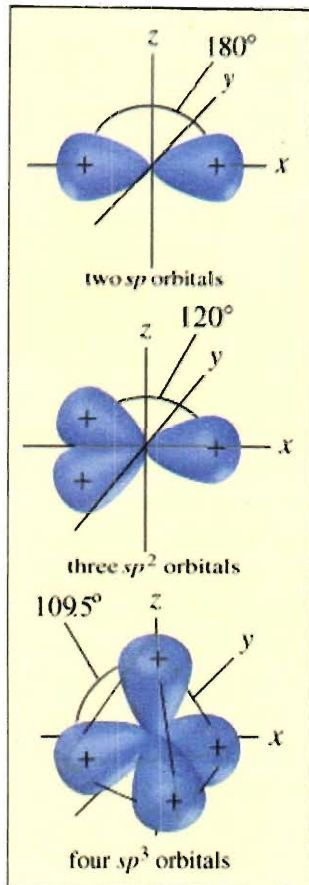


10



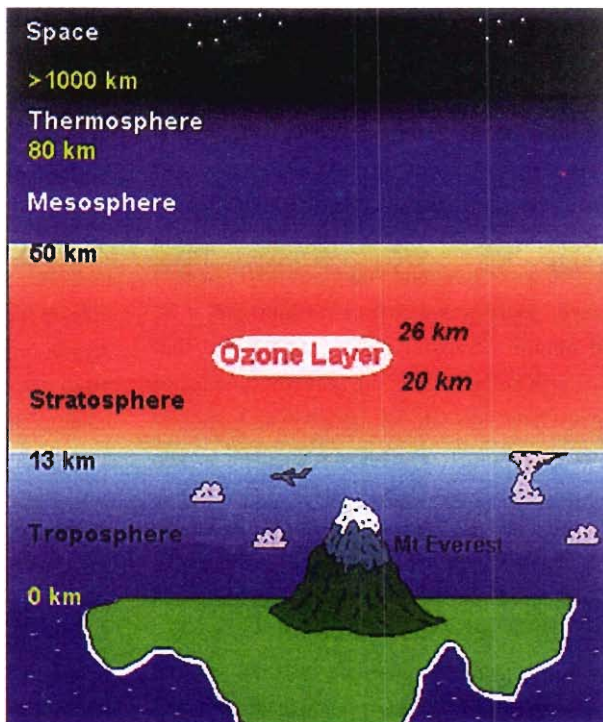
Inside Back Cover

Flowering Trees
(Credits: S Krishnan and
V V Sivan)

GENERAL ARTICLES

- 10 Many Phases of Carbon**
B Gopalakrishnan and S V Subramanyam
- 20 Embedded Systems**
Parineeth M Reddy
- 31 Multiplicities of an Eigenvalue: Some Observations**
M Thamban Nair
- 42 The Mystery Behind Flowering**
Siraj Datta and Malay Das

71



48 Organosilicon Reagents in Natural Product Synthesis

Hari Prasad

65 Prof. K S Krishnan and Crystal Magnetism

U S Ghosh

71 Our Shrinking Ozone Layer

Global Perspectives and Remedial Measures

Shashi K Pathak and Nigel J Mason

RESEARCH NEWS

84 Madhu Sudan Receives Nevanlinna Prize

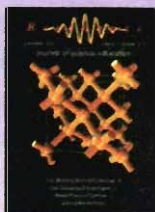
Meena Mahajan and Priti Shankar

REFLECTIONS

91 Books I Remember

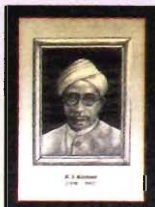
Dr K S Krishnan

Front Cover



Crystal structure of diamond
(Colour scheme for cover by Jayant Rao)

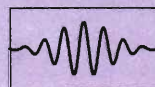
Back Cover



K S Krishnan
(1898 – 1961)

Illustration: Thangapazham

DEPARTMENTS



Editorial 01

Associate Editor's
Column *Biman Nath*

Article-in-a-Box

K S Krishnan – An **02**
Outstanding Scientist
E S Raja Gopal

K S Krishnan and the **05**
Kodaikanal Observa-
tory *D C V Mallik*

Making of a Young
Scientist **30**

Speaking of Science
and for Science **47**
G Baskaran



Think It Over

A Maze Problem **81**
Arnab Chakraborty

Squeeze for Speed **83**
J H Arakeri



**Information and
Announcements 95**

International Seminar in
Mathematics Education