

**Journal of the Indian Institute of Science
Bangalore 560 012, India**

Volume 76

July–August 1996

Number 4

*Special Issue on lectures delivered on November 11, 1995, at the
Indian Institute of Science under the auspices of the
Jawaharlal Nehru Centre for Advanced Scientific Research*

Contents

Foreword		435
R. Chidambaran	Materials response under static and dynamic high pressures	437
H. R. Krishnamurthy	Laser-modulated colloids	465
A. J. Basu and A. Khalili	A numerical study of axisymmetric vortex breakdown	477
J. Chandrasekhar	Exploring new structural motifs using computational methods	487
Madhav Gadgil	Western Ghats: A lifescape	495