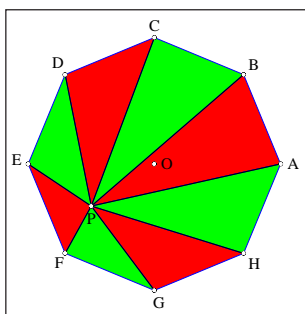


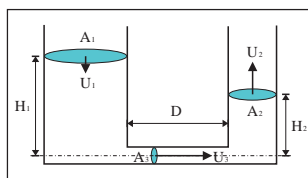
437



GENERAL ARTICLES

- 409** **Ya B Zeldovich (1914–1987)**
Chemist, Nuclear Physicist, Cosmologist
Varun Sahni
- 428** **Sunyaev–Zeldovich Effect**
Shadows in the Cosmic Radiation
Biman Nath

451



- 437** **A Pizza Saga**
Five Delicacies of Modern Geometry
Shailesh A Shirali

SERIES ARTICLES

- 446** **Dawn of Science**
Logarithms
T Padmanabhan

Errata **479**

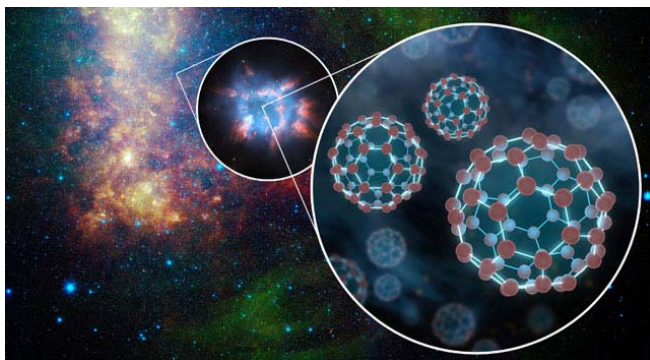
Inside Back Cover

Flowering Trees
(Credit: K Sankara Rao, IISc)



409





485

PERSONAL REFLECTIONS

- 463** **Ya B Zeldovich – Personal Reminiscences of a Pupil** Varun Sahni

REFLECTIONS

- 468** **Darshana Jolts**
More on Light V V Raman

Front Cover



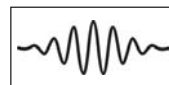
This is the recent image of the microwave background and a 'shadow' (in bright colours) cast by a nearby galaxy cluster, as predicted in 1969 by Zeldovich and his student Sunyaev (refer to the article on p.428).
Image courtesy: European Space Agency.

Back Cover



Ya B Zeldovich
(1914–1987)
(Illustration: Subhankar Biswas)

DEPARTMENTS



Editorial 405

Biman Nath



Science Smiles 408

Ayan Guha

Classroom 451

Fluid Dynamics in
the U-shaped Tank
Seok-In-Hong



Classics 480

Why the Universe is
Expanding
Ya B Zeldovich



Face to Face 485

The Celestial Sphere
that Bounced Back to
Space
*Sir Harold Kroto talks to
Prasanna Venkhatesh V*

