

847



873



GENERAL ARTICLES

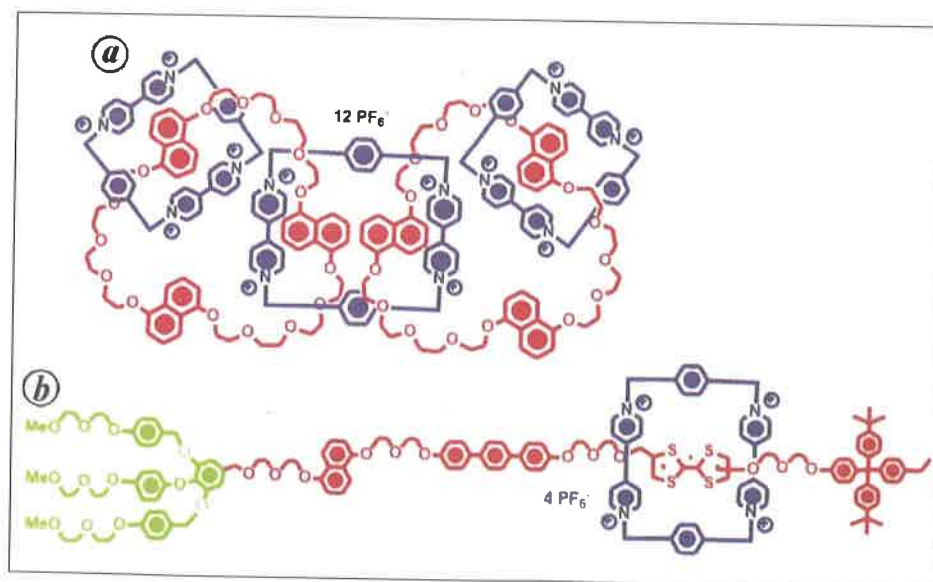
829 Nobel Prize in Physiology or Medicine 2016
Shekhar C Mande and Jyoti Rao

835 2016 Nobel Prize in Chemistry
Conferring Molecular Machines as Engines of Creativity
N Jayaraman

847 The Brachistochrone
P C Deshmukh, Parth Rajauria, Abiya Rajans,
B R Vyshakh and Sudipta Dutta

867 Vibrations and Eigenvalues
Rajendra Bhatia

835





Classroom

The Inveterate Tinkerer: Antibubbles **873**
Chirag Kalelkar

Deconstructing Arsovski's Proof of Snevily's Conjecture **879**
Deepanshu Kush



Information & Announcements

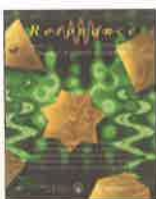
Science Academies' Refresher Course on Quantum Mechanics **899**

Science Academies' 92nd and 93rd Refresher Course in Experimental Physics **900**

Science Academies' Refresher Course on Advances in Molecular Biology **902**

Science Academies' Refresher Course in Statistical Physics **903**

Front Cover



When sand is sprinkled on a vibrating metal plate, it collects at the 'nodes' – places where the amplitude of the plate motion is zero. These figures, named after Chladni, form our cover theme to complement Rajendra Bhatia's article on vibrations of a string of beads (p.867).

Back Cover



Ruchi Ram Sahni
(1863–1948)
Illustration: Subhankar Biswas

DEPARTMENTS



Editorial **817**
*Arun Grover and
Rajesh Kochhar*



Science Smiles **822**
Ayan Guha

Article-in-a-Box **823**

Trials, Tribulations, and Joys of Punjab's First Scientist
*Ruchi Ram Sahni
(1863–1948)*
Neera Burra



Classics **889**
Excerpts from A Memoir of Pre-Partition Punjab: Ruchi Ram Sahni in his own words

Inside Back Cover

Flowering Trees
Credit: Raja K Swamy, IISc

