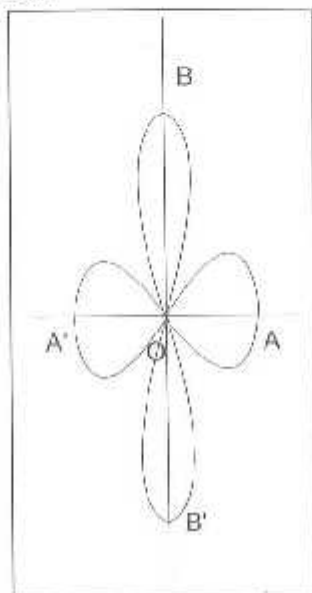


235

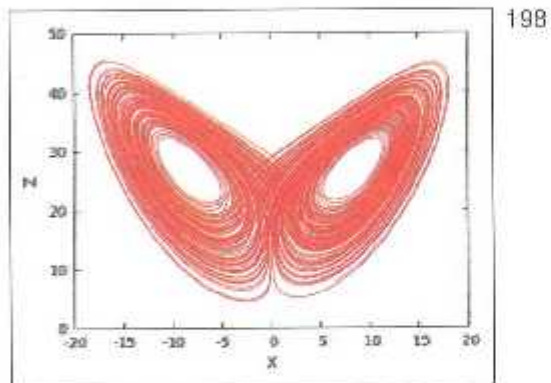


GENERAL ARTICLES

- 191** Edward Norton Lorenz
Discoverer of Chaos V Krishnamurthy
- 198** Ed Lorenz: Father of the 'Butterfly Effect'
G Ambika
- 206** Multivariable Chinese Remainder Theorem
B Sury
- 217** C-11 Acid and the Stereochemistry of Abietic Acid
S N Balasubrahmanyam
- 235** Trigonometric Characterization of Some Plane Curves
B Barua and J Das

FEATURE ARTICLE

- 245** Nature Watch
Symbiosis in Coastal Marine Communities
Neelam Pereira



245



Classics

- Predictability: Does the Flap of a Butterfly's Wings in Brazil Set off a Tornado in Texas?
Edward U Lorenz 260



Face to Face

- Symmetry and Mathematics: Pioneering Insights into the Structure of Physics
E C G Sudarshan talks to Urjit A Yajnik 264



Information & Announcements

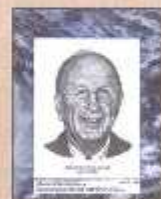
- Science Academies' Refresher Course in Quantum Mechanics 277
- Science Academies' Refresher Course in Mathematics 278

Front Cover



The backdrop to the butterfly is an image of Tropical Cyclone Eunice (left) and Tropical Cyclone Diamondra (right) in the Southern Indian Ocean on Jan. 28, 2015. (Image credit: NASA's Goddard MODIS Rapid Response Team). The connection is made in the Classics piece (page 260).

Back Cover



Edward Norton Lorenz
(1917–2008)
(Illustration: Subhankar Biswas)

DEPARTMENTS



- Editorial** 187
Rajaram Nityananda



- Science Smiles** 190
Ayan Guha



- Classroom** 254

Discovering Facts:
Finding the Longest Day with School Children
Vishweshia Guttal

Inside Back Cover

Flowering Trees
Credit: R Arun Singh, IISc