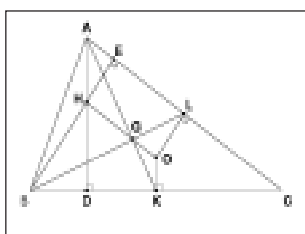


GENERAL ARTICLES

19



06 Silence of the Genes

2006 Nobel Prize in Physiology or Medicine

Utpal Nath and Saumitra Das

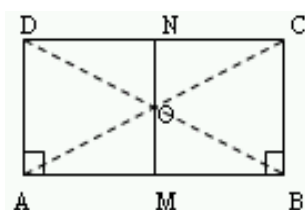
19 Euclid and 'The Elements'

C R Pranesachar

26 Euclid's Fifth Postulate

Renuka Ravindran

26



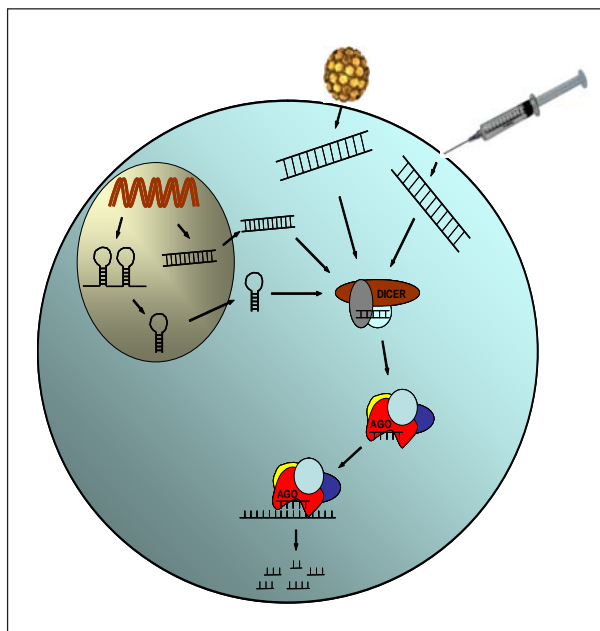
37 Decoding Reed–Solomon Codes Using Euclid's Algorithm

Priti Shankar

Inside Back Cover

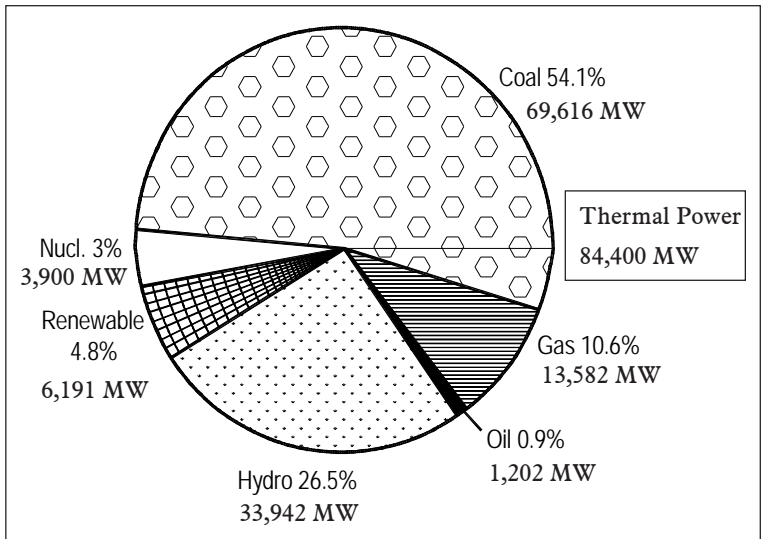
Flowering Trees

(Credit: K Sankara Rao, IISc, Bangalore)



06





69

52 The Quantum Zeno Effect – Watched Pots in the Quantum World

Anu Venugopalan

69 The Legacy of Nikola Tesla

AC Power System and its Growth in India

D P Sen Gupta

Front Cover

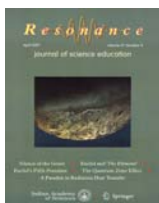
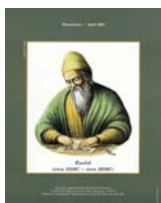


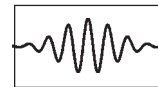
Image of Triton transmitted by Voyager 2.
(Courtesy: NASA/JPL-Caltech)
(See article on p.37)

Back Cover



Euclid
(circa 325BC – circa 265BC)
(Illustration: Subhankar Biswas)

DEPARTMENTS



Editorial **01**
Renuka Ravindran

Article-in-a-Box

The Life of Euclid **03**
Renuka Ravindran



Classroom

Motion of a Tiny Tool **80**
Thrown by an Astronaut Inside a Spinning Space Vehicle in a State of Free Fall
S N Maitra

A Paradox in Radiation Heat Transfer **85**
J Srinivasan

A Simple Test to Distinguish between D-Glucose and D-Fructose **92**
Sangeeta Pandita, Samta Goyal, Nadira Arif and Sarita Passey

