SERIES ARTICLES

8 Nonlinearity, Conservation Law and Shocks
Stability Consideration and Examples
Phoolan Prasad

20 What Can the Answer be?
Reciprocal Basis in n-Dimensions and other
Ramifications
V Balakrishnan

27 The Normal Distribution
Some Roles of Normality
S Ramasubramanian

38 Know Your Chromosomes
But Why?
Vani Brahmachari

48 Know Your Personal Computer
Basic Input-Output System (BIOS)
S K Ghoshal

GENERAL ARTICLES

55 On Shapes of Algebraic Loci
Wild-life in the Forests of Geometry
Subhashis Nag
FEATURE ARTICLES

Silica from Ash
A Valuable Product from Waste Material
Davinder Mittal

RESEARCH NEWS

Deep Blue Beats Kasparov in a Rematch
A Victory for Machine over Man
K S R Anjaneyulu

BOOK REVIEWS

- A Darwin Selection
A Comprehensive Darwin Anthology
Shailesh Deshpande and Milind Wolve

- A Course on Integration Theory
B J Venkatachala

Front Cover
Colour Schlieren photograph of the flow past the first stage of a typical launch vehicle model at a Mach number of 2.5 and Angle of Attack of 40° taken in the 1.2m trisonic wind tunnel at NAL. Shock-wave and expansion waves around the model can be clearly seen. (Courtesy: Wind Tunnel Laboratory, NAL, Bangalore)

Back Cover
Alan Mathison Turing (1912–1954)
(illustration by Prema Iyer)