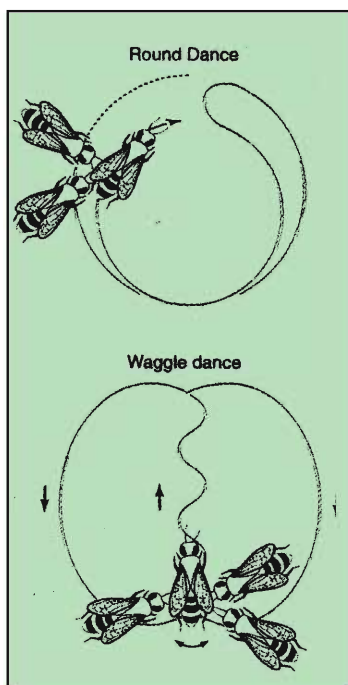


82



SERIES ARTICLES

6 Numeracy for Everyone

Numeracy in Social Sciences – Art and Science of Quantifying Amorphous Concepts, Impressions and Unmeasurables

Anil P Gore and S A Paranjpe

18 Electronic Commerce

Electronic Data Interchange and XML V Rajaraman

GENERAL ARTICLES

28 Einstein as Armchair Detective: The Case of Stimulated Radiation Vasant Natarajan

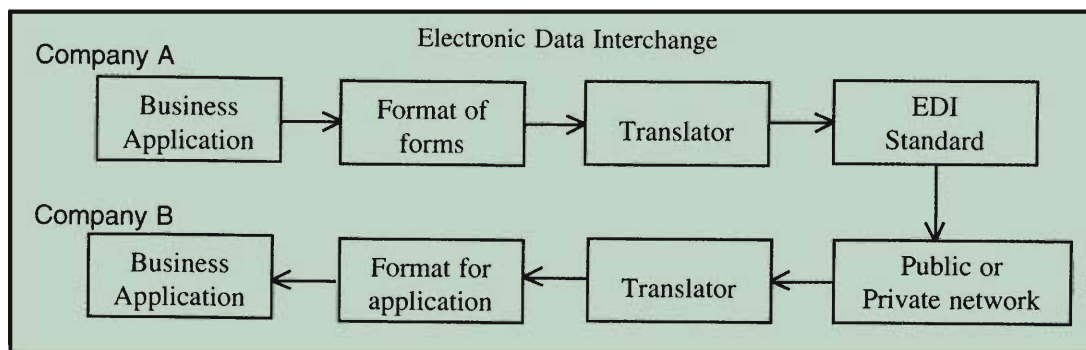
43 Global Warming: A Myth?

Anomalous Temperature Trends Recorded from Satellites and Radiosondes Deepanjan Majumdar

53 Symmetry in the World of Man and Nature

Frieze Groups Shailesh A Shirali

18



- 60 Voice-band Modem: A Device to Transmit Data over Telephone Networks**
Advanced Ideas which made High Data Rates Possible
 V Umapathi Reddy

- 71 Crowns and Crypts**
A Fascinating Group of Multidentate Macrocyclic Ligands
 Debasis Bandyopadhyay

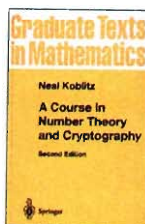
RESEARCH NEWS

- 82 Honeybees use a 'Speedometer' to Navigate Successfully** Moushumi Sen Sarma

- 86 Learning from a Sea Snail: Eric Kandel**
 Rohini Balakrishnan

BOOK REVIEWS

- 91 A Course in Number Theory and Cryptology** Rajat Tandon



Front Cover



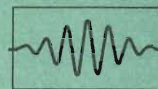
The Large Magellanic Cloud (ROE 14)
 (Reproduced from A Celebration of Colour in Astronomy
 by David Malin, *Current Science*, Vol.60, No.1, 1991.)

Back Cover



Henrietta Swan Leavitt
 (1868 – 1921)
 (Illustration by Biman Nath)

DEPARTMENTS



Editorial 1

Associate Editor's
 Column

Vijay Chandru

Article-in-a-Box

Henrietta Leavitt – A
 Bright Star of Astronomy

Biman Nath



Think It Over 80

Solution to the Ten Pirates
 Problem



Information and Announcements

Refresher Course in
 Experimental Physics
 Sponsored by Indian
 Academy of Sciences

(See inside back cover)

A Poster on Benzene and its Isomers

(see insert)

Gopalpur Nagendrappa