

JOURNAL OF
THE INDIAN INSTITUTE OF SCIENCE

Publication dates:
January, April, July and
October.

Volume 53]

Number 1

[January 1971

C O N T E N T S

PAGE

Subscription rates:
Rs. 24.00 for India
\$ 6.50 for U.S.A.
£ 2.25 for U.K.
Equivalent of Rs. 30.00 for
other countries.

Subscriptions are accepted
only on volume basis.

*Enquiries regarding subsci-
ptions and exchange may be
addressed to:*

MR. T. K. S. IYENGAR
Associate Editor
Journal of the
Indian Institute of Science
Bangalore-12, (India).

Publishes original research carried
out in the Various Departments
of the Institute]

Propagation of Long Waves of Finite Amplitude. <i>P. L. Sachdev</i>	1
Raman Spectra of 1,2-Dichloroethane and 2-Chloroethanol. <i>A. Selvarajan, and R. Krishnan</i>	13
A Note on the Hot Wire Method for Measuring Heat Capacity of Gases at Low Pressures. <i>K. Govindarajan and E. S. R. Gopal</i>	21
Buckling Coefficients of Variously supported Skew Plates. <i>M. S. S. Prabhu and S. Durvasula</i>	28
Computation of Matrix Inverse by a Power Series Method. <i>Syamal Kumar Sen</i>	43
Numerical Differentiation by Extrapolation. <i>Manas Chanda</i>	51
Ethanol Dehydration over Shevaroy Bauxite. <i>G. S. Pant, N. Subrahmanyam, M. Chanda and S. S. Ghosh</i>	56
Theoretical Studies on Sommerfeld Surface Wave Resonator. <i>S. K. Chatterjee, Miss. H. M. Girija, Miss Rukmini, Miss Glory John and N. Narasimhan</i>	63