

CONTENTS

	PAGE
Part I.—A New Permeameter. By K. V. Karantha	1
Part II.—Measurement of Power Factor and Loss in Dielectrics. By T. J. Mirchandani, G. Yoganandam, S. K. Roy and N. V. Narayanaswami	17
Part III.—Transients in Negative Constant Series Circuits. By L. C. Verman	33
Part IV.—Telephony by Carrier and One Side Band. By S. P. Chakravarti	43

ABBREVIATIONS OF TITLES

ABBREVIATION	NAME OF PERIODICAL
Bell System Tec. J. ..	Bell System Technical Journal.
Bur. Standards Bull. ..	Bureau of Standards Bulletin.
Bur. Stand. J. Research ..	Bureau of Standards Journal of Research.
Elec. Jour. ..	Electric Journal.
E.T.Z. ..	Elektrotechnische Zeitschrift.
J.I.E.E. ..	Journal of the Institution of Electrical Engineers.
J. Inst. Elec. Eng. ..	Journal of the Institution of Electrical Engineers.
Phys. Rev. ..	Physical Review.
Proc. I.R.E. ..	Proceedings of the Institute of Radio Engineers.

AUTHOR INDEX

	PAGE
Chakravarti, S. P.	43
Karantha, K. V.	1
Mirchandani, T. J., Yoganandam, G., Roy, S. K. and Narayanaswami, N. V.	17
Narayanaswami, N. V., see Mirchandani, T. J.	17
Roy, S. K., see Mirchandani, T. J.	17
Verman, L. C.	33
Yoganandam, G., see Mirchandani, T. J.	17