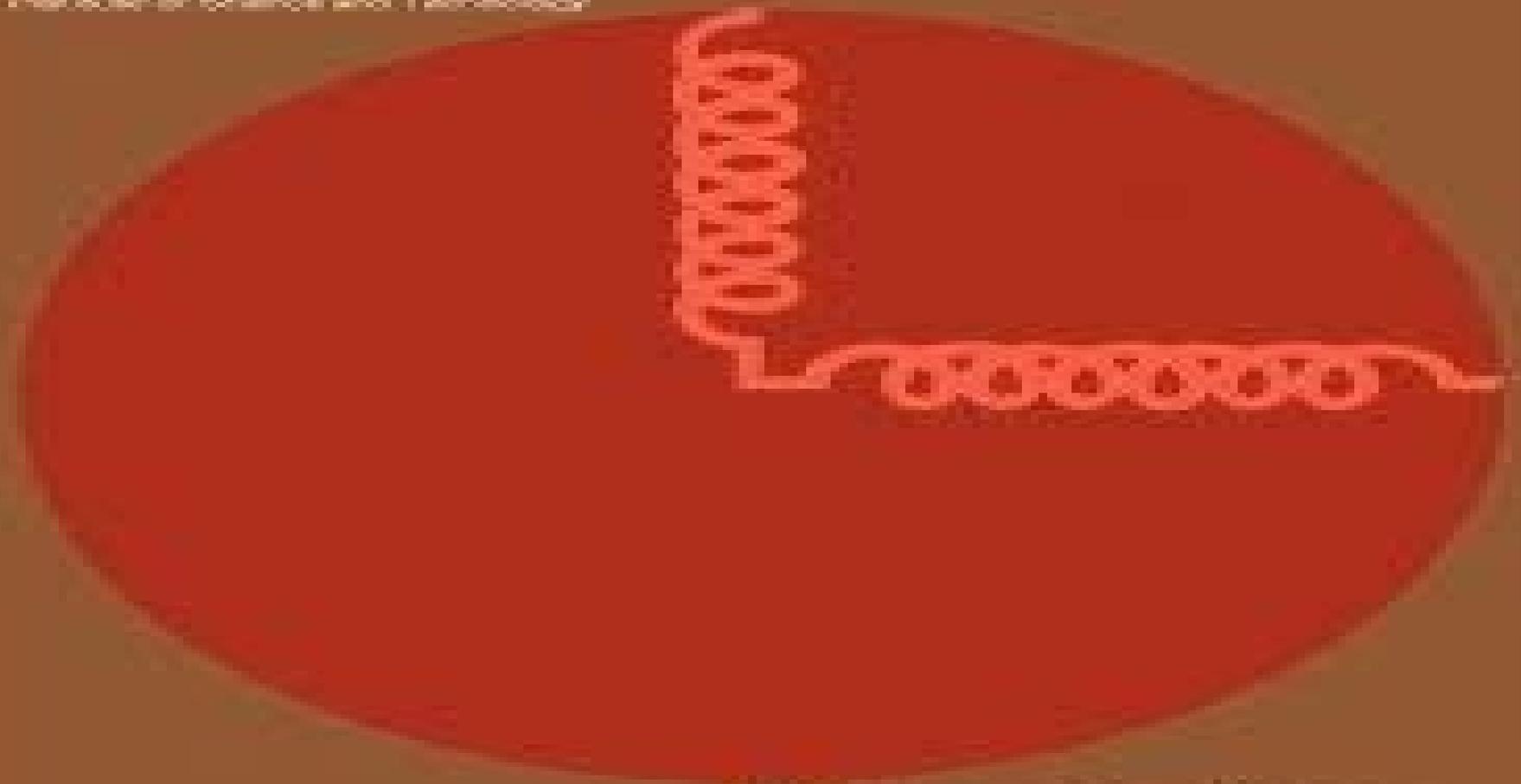


# MATRIX ANALYSIS OF ELECTRICAL MACHINERY

2nd Edition

**M.M. Hameed**

Professor of Electrical Engineering  
Department of Electrical and Technology



**Pergamon Press**

# Matrix Analysis Of Electrical Machinery

**Turan Gonen**



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Electrical Machines & their Applications J. Hindmarsh,2014-06-28 A self contained comprehensive and unified treatment of electrical machines including consideration of their control characteristics in both conventional and semiconductor switched circuits This new edition has been expanded and updated to include material which reflects current thinking and practice All references have been updated to conform to the latest national BS and international IEC recommendations and a new appendix has been added which deals more fully with the theory of permanent magnets recognising the growing importance of permanent magnet machines The text is so arranged that selections can be made from it to give a short course for non

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**Transient Phenomena in Electrical Machines** Pál K. Kovács,1984 *The Electrical Review* ,1888 **Modelling and Simulation of Electrical Machines and Power Systems** International Association for Mathematics and Computers in Simulation,1988 Since the previous Symposium in 1984 important developments have been made in the field of power electronics The use of solid state converters in association with electrical machines has steadily increased in numerous industrial applications The papers on this subject range from specialized models of particular devices to the automatic generation of computer programs in view of the study of systems containing electrical machines associated with solid state converters and their controls There are also papers describing global models of specific machine converters assemblies The search for a better representation of electrical machines leads to studies of non linear equations to represent saturation Such phenomena as cross magnetization are presently under investigation Papers related to these questions are included in these proceedings Similarly in order to perform accurate simulations it is important to know the values of the parameters to be used Discussions of some identification methods are included Some developments in the domain of transmission lines transformers and electrical networks are also presented In addition to specialized papers on various subjects such as linear motors or reflectometers a very interesting paper on the representation of electrical machines on microcomputers is included

*Tensors in Electrical Engineering* John Williamson Lynn,1963 *The Proceedings of the Institution of Electrical Engineers* ,1958

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