



# Short-Wavelength Magnetic Recording: New Methods and Analyses

*J.J.M. Ruigrok*

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## **Short-Wavelength Magnetic Recording: New Methods and Analyses** J.J.M. Ruigrok

Short-wavelength magnetic recording presents a series of practical solutions to a wide range of problems in the field of magnetic recording. It features many new and original results, all derived from fundamental principles as a result of up-to-date research.

A special section is devoted to the playback process, including the calculations of head efficiency and head impedance, derived from new theorems.

Features include:

A simple and fast method for measuring efficiency; a simple method for the accurate separation of the read and write behaviour of magnetic heads; a new concept - the bandpass head.

Other types of head covered include: the metal-in-gap head; the amorphous head; the thin-film head; the magneto-resistive head; and probe-type heads for perpendicular recording.

The introduction includes an invaluable historical summary of magnetic recording, and the book also features an extensive subject index, complete author index, and a glossary of symbols.

"The scope and mathematical rigour of this book can only be compared with W.K. Westmijze's 1953 landmark "Studies in Magnetic Recording"

"The easy writing style (renders) the mathematical treatments readily understandable as physical propositions... A careful study of this book cannot help but provide the reader with the most profound insights into the limits of short-wavelength recording." John C. Mallinson, Center for Magnetic Recording Research, University of California, San Diego, USA.

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Why? Because this Short-Wavelength Magnetic Recording: New Methods and Analyses is an unordinary book that the inside of the reserve waiting for you to snap the item but latter it will surprise you with the secret the idea inside. Reading this book beside it was fantastic author who write the book in such awesome way makes the content within easier to understand, entertaining technique but still convey the meaning thoroughly. So , it is good for you for not hesitating having this any more or you going to regret it. This phenomenal book will give you a lot of benefits than the other book have got such as help improving your talent and your critical thinking approach. So , still want to postpone having that book? If I were being you I

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