

Correction to "Magnet Measurements for Digital Magnetic Recording"

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In the above paper,¹ the following equations are in error. Equation (1) should have been written as

$$M_s = B_s - \mu_0 H_s$$

where μ_0 is taken to be unity in the CGS system and $4\pi \times 10^{-7}$ Henry/meter in the MKS system. Equation (8) should have been written as

$$V_{out} \propto M_r \cdot H_c \cdot T.$$

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¹J. J. Newman, *IEEE Trans. Magn.*, vol. 14, no. 4, pp. 154-159, July 1978.

Contributors

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Stuart L. Blank is a native of Brooklyn, NY. He received the B.S. degree in ceramic engineering from NY State College of Ceramics, Alfred University, in 1962 and the M.S. and Ph.D. degrees in materials science from the University of California in 1964 and 1967, respectively.

He is a Member of Technical Staff and Supervisor of the Epitaxial Materials and Processes group in the Electronic Materials and Process Department, Bell Laboratories, Murray Hill, NJ. Since joining Bell Labs in 1969, he has been involved in investigating the growth of materials by liquid-phase epitaxy and in developing new materials for magnetic bubble device application. He is also investigating crystal growth, phase transitions, and defects in oxide materials. He has been granted a patent for optical waveguide devices using single crystal garnet film and six additional patents in the bubble materials area.

Dr. Blank is a member of the American Ceramic Society, the National Institute of Ceramic Engineers, the American Association for Crystal Growth, the American Association for the Advancement of Science, Keramos, and the Sigma Xi fraternity.

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Since 1967 he has been a Researcher at the Instituto Venezolano de Investigaciones Cientificas, Caracas, Venezuela, where he conducts research in superconductivity, conductivity measurements, and solid state devices design. In 1970-1971 he was a Research Fellow in the DEAP at Harvard University, in the laboratory of Dr. M. Tinkham.

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In 1959, he joined the IBM Thomas J. Watson Research Center, Yorktown Heights, NY. From 1964 to 1967, he was an Adjunct Associate Professor at the Carnegie Institute of Technology, where he organized a thin-film and magneto-optics research group and supervised doctoral dissertations. He has conducted research and directed programs in the areas of magnetic thin films, magnetic bubbles, and storage technology. He has authored books on magnetic materials, magnetic bubble technology, and other subjects. He also holds many U.S. patents.

Dr. Chang was Editor in Chief of the *IEEE Transactions on Magnetics* and a member of the Administrative Committee of the IEEE Magnetics Group. He also served as Technical Program Chairman for INTERMAG in 1970, 1971, and 1974.

Wilkie Y. Chen was born in Keelung, Taiwan, on October 24, 1947. He received the B.S. degree in physics from the National Taiwan University in 1968, the M.S. degree in physics from the California Institute of Technology in 1971, and the Ph.D. degree in applied physics and computer science from the California Institute of Technology in 1974.

He joined the Argonne National Laboratory in 1974 to participate in the development of superconducting power devices. In 1975 he joined the General Atomic Company to work on magnet systems for fusion reactors and related topics in applied superconductivity.

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