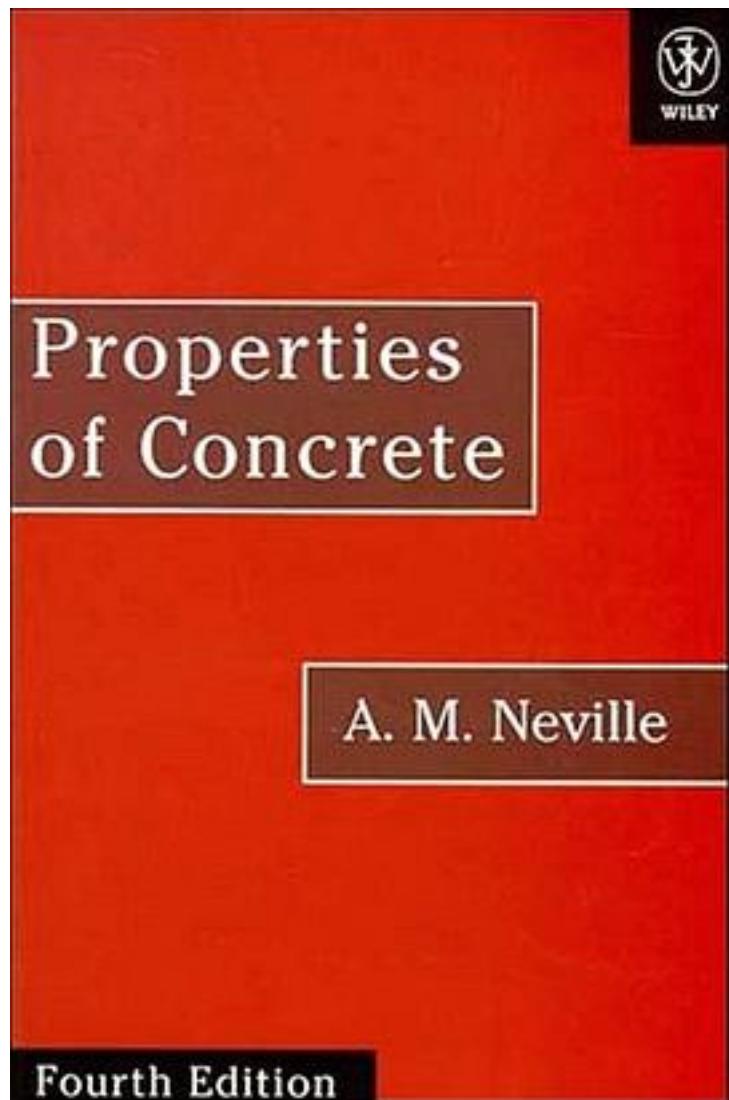


Properties of Concrete



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Since its first publication in 1963, Properties of Concrete has been internationally acclaimed as the definitive work of reference on the subject for both the professional and student engineer. The fourth edition has been completely rewritten and updated to reflect advances in concrete technology over the past decade, yet it still retains the original aim of Professor Neville's book: to provide reliable, comprehensive and practical information on the properties and use of concrete, and the selection of mix proportions, all based on scientific observations and the author's extensive engineering experience. The emphasis throughout is on understanding the behaviour of concrete and relating it to physical and chemical phenomena involved in the performance of the material in service. The overall effect is to give an integrated view of the properties of concrete so as to enable the reader to achieve the best possible construction in concrete. In addition, the scientific basis of the information provided is invaluable in planning research and in the interpretation of test results. New material includes such topics as various cementitious materials, high performance concrete, recently introduced admixtures, concrete under cryogenic conditions, properties of the aggregate-matrix interface, and durability of concrete under extreme conditions. Incorporates a wealth of data from the latest relevant national and international standards and codes of practice both SI and Imperial units are used throughout. Includes 1500 full references to the world's literature on concrete an extensive index containing over 6000 entries provides excellent ease-of-reference. "With its many new additions, the book, at 844 pages is now an encyclopaedic tome, which is very reasonably priced. It remains the authoritative source of information on most aspects of the constituents, behaviour and properties of fresh and hardened concrete."

Magazine of Concrete Research

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