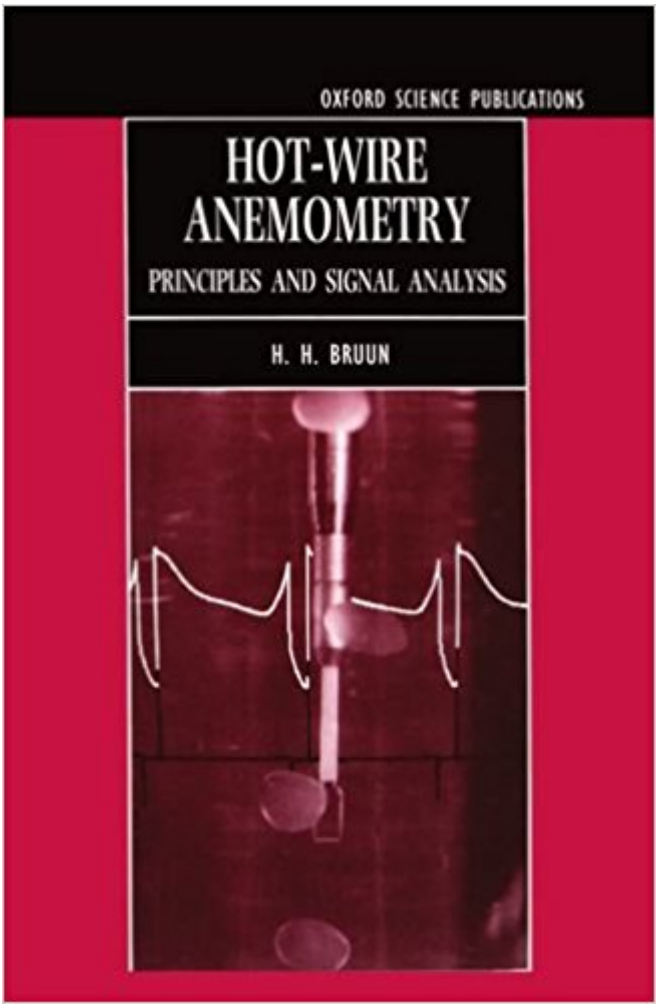
Hot-Wire Anemometry: Principles And Signal Analysis



Synopsis

Hot-wire anemometry techniques have proven a vital resource in the study of fluid mechanics for practitioners in a wide range of fields, from physics and chemical engineering to aeronautics and hydraulics. This is the most up-to-date, comprehensive, and practical book on the subject available, explaining the concepts and related practical implementations of all major hot-wire anemometry applications. It introduces the logical framework for a computer-based HWA system and identifies the individual steps in the complete experimental procedure, ranging from probe selection to the presentation of analyzed data. This major work will be invaluable as a reference for students, engineers, and researchers in the field.

Book Information

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Customer Reviews

"Several good and useful books and extensive review papers on this topic have been published in the past but this book sets a standard which will be difficult to surpass. ... The test of the pudding is in the eating, i.e. in using the book in the laboratory, but if the reviewer takes the judgement of this research students as a prediction of the success of this book, then the odds are excellent. One even quoted G.C. Lichtenberg, 'Who has two pairs of trousers, exchange one pair for money, and buy this book.'"--Journal of Fluid Mechanics

H. H. Bruun is at University of Bradford.

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