

BOOK REVIEW

Cavitation Bubble Trackers. By Y. LECOFFRE. Balkema, 1999. 399 pp. ISBN 90 5410 783 9. 75 Hfl.

This book is a translation from the French: *La Cavitation Traqueures de Bulles*, Editions Hermes, Paris 1994.

There have been few books on cavitation, especially over the last few decades. This one, of 15 chapters, covers many aspects of basic and applied research on cavitation. Topics covered range through cavitation phenomena, single spherical bubble cavitation on a hydrofoil, travelling bubbles, fixed and attached cavitation, cavitation noise and erosion, thermodynamic attenuation, instrumentation and test facilities, with a final chapter on applications. The emphasis is on physical phenomena and understanding scaling laws, simple modelling and laboratory tests, instrumentation and scaling up for practical design purposes.

The book is easily readable, covering predominately applied research activities, primarily in France, over the period 1970–90. It is a useful reference book for the applied scientist and practising engineer, and a helpful introductory companion text to the book by Brennen (*Cavitation and Bubble Dynamics*, Oxford University Press 1995) which has a more recent research flavour.

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