

BOOK REVIEW

N. RAHARATNAM, **Turbulent Jets**. Elsevier, Amsterdam.
Price: US \$37.75.

THIS book, number 5 in a series called "Developments in Water Science", under the editorship of V. T. Chow, is a handsome, well-organised and informative account of theoretical and experimental knowledge of turbulent jets. It can form a useful basis for graduate teaching, and it will be turned to by researchers and by practising engineers.

Its major defect is that it is somewhat behind the times, paying no attention to numerical methods of solving the relevant partial differential equations, and almost none to turbulence modelling. This is a pity; for, if the subject is

important in practice, which it is, the most realistic and economical methods of analysis ought to be brought to the readers' attention.

It is to be hoped that the author is already at work on a second edition which will treat precisely the same experimental situations, but will show where numerical predictions are capable, when combined with appropriate turbulence models, of giving good predictions; and, of course, also where they are not. This is what practising engineers and resourceful researchers need to know; and the author's expository powers appear to be commensurate with the task. Otherwise, I hope that Dr. Chow will commission such a book for his valuable series.

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