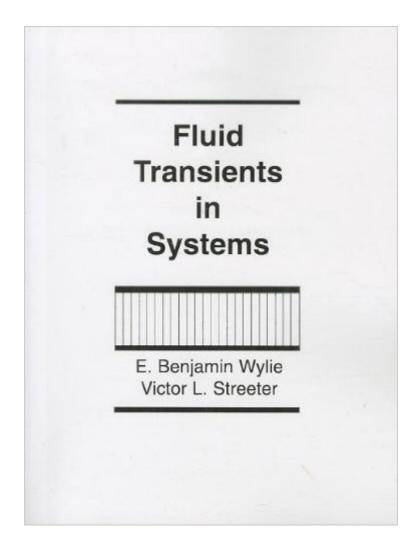
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# Fluid Transients In Systems





### Synopsis

An exploration of the solution of practical engineering problems in fluid transients, this book develops the basic equations of one-dimensional unsteady fluid transients and uses them throughout as they apply to problems in diverse industries, and on systems of vastly different geometric scales. Among subjects covered in detail are the interfaces between pipe and non-pipe elements, liquid vapourization, two-component, two-phase flows and the impulse response method. This book is for advanced undergraduate courses in hyraulic transients, fluid transients or unsteady fluid flow.

### **Book Information**

Paperback: 463 pages Publisher: Pearson; 1 edition (January 12, 1993) Language: English ISBN-10: 0139344233 ISBN-13: 978-0139344237 Product Dimensions: 7 x 1.1 x 8.9 inches Shipping Weight: 1.6 pounds (View shipping rates and policies) Average Customer Review: 4.0 out of 5 stars Â See all reviews (3 customer reviews) Best Sellers Rank: #1,379,074 in Books (See Top 100 in Books) #270 in Books > Engineering & Transportation > Engineering > Civil & Environmental > Hydrology #699 in Books > Textbooks > Engineering > Environmental Engineering #3013 in Books > Engineering & Transportation > Engineering > Civil & Environmental > Environmental

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Well written. Explains methods that can easily be adapted to write computer code for transient analysis of water in pipes.

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A very good text book on transient analysis in pressurized pipe systems.

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