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2017. Magnetohydrodynamic approach of non-Newtonian blood flow with magnetic particles in stenosed artery. Applied Mathematics and Mechanics, Vol. 38, Issue. 3, p. 379. Lai, Julia Su, Yanfeng Swain, ...

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Nonlinear Structural Dynamics Using FE Methods

[1] For additional calculation procedures in chemical engineering, please refer to the following sections in this handbook: Sec. 3, Mechanical Engineering; Sec. 4, Electrical Engineering; Sec. 6, ...

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Dr. Stathopoulos received his Civil Engineering Diploma from the National Technical University of Athens, Greece and both his M.Sc. and Ph.D. from the University of Western Ontario. He joined the ...

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Chemistry Faculty

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selection of examples of fluid and thermal mechanics.

Original edition: Munson, Young, and Okiishi in 1990.

Fundamentals of Fluid Mechanics is a vital repository of essential information on this crucial subject. It brings together the contributions of recognized experts from around the world to cover all of the concepts of classical fluid mechanics - from the basic properties of liquids through thermodynamics, flow theory, and gas dynamics. With answers for the practicing engineer and real-world insights for the student, it includes applications from the mechanical, civil, aerospace, chemical, and other fields.

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