



Mechanika Płynów: Kompendium Wiedzy

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Opis

Fluid Mechanics

Producent: Prentice Hall

"Mechanika płynów: Podręcznik" to obszerny przewodnik po zawiłościach nauki o mechanice płynów. Autorzy, Douglas, J. F., Gasiorek, Janusz Maria, Swaffield, John A., Jack, Lynne, przedstawiają kompleksowe podejście do tematu, uwzględniając najnowsze odkrycia i teorie. Z bogatą ilustracją i klarownym językiem, książka ta stanowi niezbędną lekturę dla studentów i specjalistów zajmujących się mechaniką płynów.

Wydanie szóste tego podręcznika zostało uzupełnione o najświeższe informacje z dziedziny, aby czytelnik mógł poznać najbardziej aktualne trendy i badania. Z 1048 stronami treści, książka ta oferuje pełen przegląd tematyki, obejmując zagadnienia takie jak strömungsmechanik, mechanics of fluids oraz inne kluczowe aspekty mechaniki płynów.

Dzięki "Mechanice płynów: Podręcznik" czytelnik dowie się o fascynujących zjawiskach zachodzących w przepływach płynów, otrzymując solidne podstawy teoretyczne i praktyczne zastosowania. To idealne źródło wiedzy dla wszystkich zainteresowanych tą dziedziną nauki.

Parametry

Autorzy	Douglas, J. F., Gasiorek, Janusz Maria, Swaffield, John A., Jack, Lynne
Ilość stron	1048
Wydanie	siódme, zaktualizowane

Zdjęcia

FLUID MECHANICS

SIXTH EDITION

John F. Douglas • Janusz M. Gasiorek • John A. Swaffield • Lynne B. Jack

The sixth edition of this established text provides an **authoritative and comprehensive treatment of fluid mechanics** that is **carefully written and supported by numerous worked examples**.

This revision of a classic text presents relevant material for mechanical and civil engineers, as well as energy and environmental services engineers. It recognizes the evolution of the subject and provides thorough coverage of both established theory and emerging topics. *Fluid Mechanics* has become a textbook of choice, favoured with both students and lecturers, due to its:

Excellent coverage

- All the latest developments and applications, including emerging specialisms
- Strong coverage of the principles of fluid flow – fundamentals emphasized early in the text

Emphasis on understanding

- Good, clear explanations, together with extensive worked examples and tutorials – brought together to reinforce the reader's understanding of all the key principles

Helpful resources on accompanying website at www.pearsongroup.co.uk/douglas

- With solutions to tutorials and downloadable fluid mechanics simulations, presented through some 20 programs, all fully discussed in the text

Building on the success of previous editions, this sixth edition introduces the following new features:

- New sections dealing with hydrodynamic machine interactions, contaminant concentration prediction and water mass responses to the drought consequences of climate change
- Extended website to include enhanced and additional simulations

Fluid Mechanics is ideal for use throughout a first degree course in all engineering disciplines where a good understanding of the subject is required. It is also suitable for continuing MSc courses requiring a fundamental treatment of fluid mechanics and will be a valuable resource for specialist Continuing Professional Development courses, including those offered by distance learning.

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