

# The pi-theorem: applications to fluid mechanics and heat and mass transfer

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## Abstrak

This volume presents applications of the pi-theorem to fluid mechanics and heat and mass transfer. The pi-theorem yields a physical motivation behind many flow processes and therefore it constitutes a valuable tool for the intelligent planning of experiments in fluids. After a short introduction to the underlying differential, the author presents many novel approaches how to use the pi-theorem to understand fluid mechanical issues.