

**Title of the book**

Computational Engineering

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**About the Book**

This book with the title 'Computational Engineering' provides a foundation in techniques from numerical methods to machine learning that empower computational engineering. Through mathematical explanations and practical examples in domains from additive manufacturing to power systems, readers will build proficiency in applying these methods using modern tools. This essential knowledge equips the next generation of engineers to meet humanity's complex challenges computationally. We owe a debt of gratitude to our colleagues, who were chiefly instrumental in favoring us to undertake this work.

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