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Autore	Dey Subhasish
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Nota di contenuto	Chapter 1. Introduction -- Chapter 2. Hydrodynamic Principles -- Chapter 3. Turbulence in Open-Channel Flows -- Chapter 4. Sediment Threshold -- Chapter 5. Bedload Transport -- Chapter 6. Suspended-Load Transport -- Chapter 7. Total-Load Transport -- Chapter 8. Bedforms -- Chapter 9. River Processes: Meandering and Braiding -- Chapter 10. Scour -- Chapter 11. Dimensional Analysis and Similitude.
Sommario/riassunto	The book provides the solutions to the unsolved problems given in the book titled Fluvial Hydrodynamics: Hydrodynamic and Sediment Transport Phenomena. The manual includes the solutions to the problems on Chapters 1 to 11, including the properties of fluid and sediment, hydrodynamic principles, turbulence in open-channel flows, sediment threshold, bedload transport, suspended-load transport, total-load transport, bedforms, river processes, scour, and dimensional analysis and similitude. It, therefore, serves as a guide for graduate students, researchers, and field engineers to solve the problems in fluvial hydrodynamics. As a prerequisite, the background of the readers

should have a knowledge in fluvial hydrodynamics described in the said book and an understanding of fundamentals of calculus. .
