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Nota di contenuto	Cover -- Title Page -- Copyright Page -- Contents -- Preface -- Acknowledgments -- About the Companion Website -- Chapter 1 Basic Principles and Flow Classifications -- Fluid Mechanics Foundations -- Hydrologic Foundations -- Presentation Organization -- Problems and Questions -- References -- Chapter 2 Channel Fundamentals* -- Goals -- Channel Elements and Nomenclature -- General Flow Relationships -- Uniform Flow Relationships -- Theoretical Considerations -- Natural, Compound, or Sustainable Channels -- Lined Channels, Optimum Channels, and Velocity Constraints -- Channel Installation -- Summary -- Problems and questions -- References -- Chapter 3 Vegetated Waterways and Bioswales* -- Goals -- Background -- Channel Planning -- Basic Design Procedures -- Bioswales -- Vegetated Filter Strips -- Temporary Linings -- Summary -- Problems and Questions -- References -- Chapter 4 Tractive Force Methods for Earthen Channels -- Goals -- Riprap-lined or earthen waterways (Earthen II) -- Tractive force for vegetated waterways -- Details and Origins of the Parabolic Cross-section -- Costing channel designs -- Steady uniform flow conclusion -- Problems and questions

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