

1. Record Nr.	UNINA9910454060403321
Autore	Dingman S. L
Titolo	Fluvial hydraulics [[electronic resource] /] / S. Lawrence Dingman
Pubbl/distr/stampa	Oxford ; ; New York, : Oxford University Press, c2009
ISBN	1-62870-170-6 1-282-05351-5 9786612053511 0-19-803856-9
Descrizione fisica	1 online resource (570 p.)
Disciplina	551.48 551.48/3 551.483
Soggetti	Streamflow Fluid mechanics Electronic books.
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references (p. 536-547) and index.
Nota di contenuto	Contents; 1. Introduction to Fluvial Hydraulics; 2. Natural Streams: Morphology, Materials, and Flows; 3. Structure and Properties of Water; 4. Basic Concepts and Equations; 5. Velocity Distribution; 6. Uniform Flow and Flow Resistance; 7. Forces and Flow Classification; 8. Energy and Momentum Principles; 9. Gradually Varied Flow and Water-Surface Profiles; 10. Rapidly Varied Steady Flow; 11. Unsteady Flow; 12. Sediment Entrainment and Transport; Appendices; Notes; References; Index
Sommario/riassunto	1. Introduction to Fluvial Hydraulics. 2. Natural Streams: Morphology, Materials, and Flows. 3. Structure and Properties of Water. 4. Basic Concepts and Equations. 5. Velocity Distribution. 6. Uniform Flow and Flow Resistance. 7. Forces and Flow Classification. 8. Energy and Momentum Principles. 9. Gradually-Varied Flow and Water-surface Profiles. 10. Rapidly Varied Steady Flow. 11. Unsteady Flow. 12. Sediment Entrainment and Transport. Appendix A: Dimensions, Units, and Numerical Precision

