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   Autore Campagna, Marco

   Titolo Stone sampler / by Studio Marmo ; text by Marco Campagna

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2. **Record Nr.** UNINA9910964200303321

   Titolo Auditory processing of complex sounds / / edited by William A. Yost and Charles S. Watson

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   Altri autori (Persone) WatsonCharles S
   YostWilliam A

   Disciplina 152.1/5

   Soggetti Auditory perception
   Psychoacoustics

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   Note generali First published in 1987 by Lawrence Erlbaum Associates, Inc.

   Nota di bibliografia Includes bibliographical references at the end of each chapters and indexes.

   Nota di contenuto sect. I. Spectral pattern processing : interaction among critical bands, profile analysis, and co-modulation masking release -- sect. II. Temporal pattern processing : rhythm, spectral synchrony, amplitude-

modulation, and binaural precedence -- sect. III. Pitch of complex sounds : virtual pitch, central spectrum, theories, and animal models -- sect. IV. Auditory peripheral phsyiology : rate and synchrony codes -- sect. V. Speech perception : speech versus non-speech perception and a new model -- sect. VI. Perceptual organization of complex sounds : informational masking, stimulus uncertainty, learning, attention, memory, and stream segregation.

| Sommario/riassunto | Originally published in 1987, this book is the result of a workshop on the processing of complex sounds held in 1986. All of the important contributions that are being made to understanding auditory processing of complex sounds could not be included in a single volume. However, the chapters do touch base with many of the lines of research and theory on complex sound and its perception at the time, and was felt that they should provide both food for thought and a broad introduction to the literature on a topic that the editors were sure would be studied intensely in the following couple of decades. |

3.

Record Nr.	UNINA9911046726203321
Autore	Taylor R. L
Titolo	The Finite Element Method for Fluid Dynamics
Pubbl/distr/stampa	Chantilly : , : Elsevier Science & Technology, , 2024 ©2025
ISBN	0-323-95887-7
Edizione	[8th ed.]
Descrizione fisica	1 online resource (598 pages)
Altri autori (Persone)	NithiarasuP
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Soggetti	Fluid dynamics Finite element method
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Nota di contenuto	Front Cover -- The Finite Element Method for Fluid Dynamics -- Copyright -- Contents -- List of figures -- List of tables -- Preface -- 1 The equations of fluid dynamics -- 1.1 General remarks and classification of fluid dynamics problems -- 1.2 The governing

equations of fluid dynamics --   1.2.1 Stresses in fluids --   1.2.2
Constitutive relations for fluids --   1.2.3 Mass conservation --
1.2.4 Momentum conservation: dynamic equilibrium --   1.2.5 Energy
conservation and equation of state --   1.2.6 Boundary conditions --
1.2.7 Navier–Stokes and Euler equations --   1.3 Inviscid,
incompressible flow --   1.3.1 Velocity potential solution --   1.4
Incompressible (or nearly incompressible) flows --   1.5 Concluding
remarks --   References -- 2 The finite element approximation --   2.1
Introduction --   2.2 Numerical solutions: weak forms, weighted
residual and finite element approximation --   2.2.1 Strong and weak
forms --   2.2.1.1 Weak form of equations --   2.2.1.2 Weighted
residual approximation --   2.2.1.3 The Galerkin, finite element,
method --   2.2.2 A finite volume approximation

| Sommario/riassunto | This book, 'The Finite Element Method for Fluid Dynamics', authored by Olek C. Zienkiewicz, Robert L. Taylor, and P. Nithiarasu, provides a comprehensive exploration of the finite element method as applied to fluid dynamics. The text covers fundamental equations of fluid dynamics, numerical methods, and advanced topics such as convection-dominated problems, turbulence modeling, compressible flows, and porous media. It is designed to serve as both a theoretical and practical guide, incorporating the latest developments in the field. The book is intended for researchers, practitioners, and graduate-level students in engineering and computational sciences, aiming to enhance understanding and application of finite element techniques in solving complex fluid dynamic problems. |