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Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	A Method to Solve Inverse Scattering Problems for Electromagnetic Fields in Chiral Media (C Athanasiadis & E Kardasi); Nonlinear Integral Equations in Inverse Obstacle Scattering (O Ivanyshyn & R Kres); Homogenization in Chiral Elasticity (G Barbatis & I G Stratis); Shape Control and Damage Identification of Piezoelectric Smart Beams Using Finite Element Modelling and Genetic Optimization (E P Hadjigeorgiou et al.); A Fast Numerical Method for a Simplified Phase Field Model (C A Sfyraakis & V A Dougalis); On the Hidden Electromagnetic Activity of the Brain (G Dassios); A Decision Tree Based Approach for the Identification of Ischaemic Beats in ECG Recordings (T P Exarchos et al.); An Automatic Microcalcification Detection System Utilizing Mammographic Enhancement Techniques (A N Papadopoulos & D I Fotiadis); Multidimensional Cardiac Models (D G Tsalikakis et al.); Mobile and Electronic Medical Support and Education for Dyslexic Students (M Virvou & E Alepis); and other papers.
Sommario/riassunto	Comprises the papers presented at the 7th International Workshop on Scattering Theory and Biomedical Engineering, focusing on the topics in

