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Nota di contenuto	Preface -- Reconstruction of sound pressure field by IFEM / R. Anderssohn ... [et al.] -- Seabed parameter estimation by inversion of long range sound propagation fields / W. Chen, L. Ma and N. R. Chapman -- High resolution radon transform and wavefield separation / J. Chen ... [et al.] -- Three-dimensional acoustic simulation on acoustic scattering by nonlinear internal wave in coastal ocean / L. Y. S. Chiu, C.-F. Chen and J. F. Lynch -- Estimation of shear wave velocity in seafloor sediment by seismo-acoustic interface waves: a case study for geotechnical application / H. Dong, J. M. Hovem and S. A. Frivik. The optimum source depth distribution for reverberation inversion in a shallow-water waveguide / T. F. Gao and E. C. Shang -- Semi-automatic adjoint PE modeling for geoacoustic inversion / J.-P. Hermand ... [et al.] -- Modeling 3D wave propagation in the ocean coupled with elastic bottom and irregular interface / L.-W. Hsieh, D.

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Sommario/riassunto

"This volume represents the latest advances in the field of theoretical and computational acoustics. The coverage includes results in the areas of underwater acoustics, seismics, scattering, inversion, genetic algorithms, reverberation, IFEM, Radon transforms, wavelet statistics, PE modeling, and Gaussian beams."
