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imaging (AA Doinikov, A Novell, JM Escoffre, A Bouakaz), shock wave lithotripsy (P Zhong), sterilization of ships' ballast water (A Abe, H Mimura) and bubbly flow model of volcano eruptions ((VK Kedrinskii, K Takayama). The book offers a timely reference for graduate students as well as professional scientists and engineers interested in the interaction of shock waves with bubbles and their propagation properties in bubbly liquids with applications in medical and earth sciences.