

HYD Hydroacoustics

Organizer: Eugeniusz Kozaczka

Chairman: Eugeniusz Kozaczka



- 912-0 invited Grazyna Grelowska, Eugeniusz Kozaczka
Effectiveness of underwater devices in the Baltic Sea
- 918-0 invited Jerzy Wiciak
Sound radiation of a submerged plate with four square piezoelectric actuators
- 988-0 invited Eugeniusz Kozaczka, Grazyna Grelowska, Jacek Domagalski, J. Swevers
Some features of underwater noise generated by ships in the shallow sea
- 119-0 contributed Kosta Ugrinovic, Olivera Pionic
Mutually comparison of sub-optimal passive sonar detection structures
- 331-0 contributed Nadezhda V. Zlobina, Dmitry Zlobin, Boris Kasatkin
To the theory of reflection of the directed sound beams in classical schoch experiments
- 365-0 contributed Clive Alan Greated, John Cosgrove, Nikita Fomin, Elena Lavinskaya
Sound measurement by digital speckle interferometry
- 458-0 contributed Takuya Shimura, Hiroshi Ochi, Yoshitaka Watanabe
A fundamental study on the application of passive time reversal to underwater acoustic communication
- 577-0 contributed Sławomir Jastrzębski
The multipath problem in a shallow water hydroacoustic channel
- 629-0 contributed Jean Kormann, Carlos Ranz Guerra, Alejandro Fernandez Fernandez
The influence of ocean waves in shallow water problems
- 652-0 contributed Hiroshi Ochi, Yoshitaka Watanabe, Takuya Shimura
A wideband data transmission experiment in the Deep Ocean
- 681-0 contributed Nakjin Choi, Jun-Seok Lim, Jeong-Hun Seo, Koeng-Mo Sung
Research of weighting circuits for the design of optimum beamforming
- 692-0 contributed Panagiotis Papadakis, Patrick Sanchez, Jean-Pierre Sessarego, Michael Taroudakis
Scaled laboratory experiments of shallow water acoustic propagation
- 858-0 contributed Andrzej Stepnowski, Krzysztof Bikonis, Marek Moszynski, John Mourjopoulos
3D seabed reconstruction from 2D side-scan sonar images
- 324-0 poster Elena Olegovna Ermolaeva, Valery A. Gordienko, Boris I. Goncharenko
Vector-phase methods in acoustics and the solution of certain applied problems
- 328-0 poster Véronique Villouvier
Modelling of the hydroacoustic sources of butterfly valves
- 681-1 poster Nakjin Choi, Jun-Seok Lim, Koeng-Mo Sung
An array beampattern synthesis using partial constrained adaptive optimization

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