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- **Application of parameter-induced stochastic resonance to target detection in shallow-water reverberation.** Xu, Bohou; Zhang, Huiquan; Zeng, Lingzao; Li, Jianlong; Wu, Xingxing; Jiang, Zhong-Ping // *Applied Physics Letters*;8/27/2007, Vol. 91 Issue 9, p091908
A method based on parameter-induced stochastic resonance is proposed for target echo detection in the presence of shallow-water reverberation. The signal received by the horizontal sensor array is normalized and delayed to form the input to a bistable system. The system parameters are tuned...
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