

33-37 Analysis on Underwater Sympathetic Detonation of High Explosive

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In this paper we propose a controlling method for the initiation of explosive in which a pressure transmitting medium is placed between the donor explosive and the acceptor explosive. The shock wave occurred in the medium strikes on the main explosive to accomplish the initiation controlling. The numerical simulation was performed to help understand the initiation process and the possibility of plane initiation by underwater shock wave was demonstrated.

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