

RECENT RESULTS OF UNDERWATER ELECTRICAL EXPLOSION OF WIRE AND WIRE ARRAYS

Krasik Y., Maler D., Efimov S., Bland S.*

Technion, Haifa, Israel

**fnkrasik@physics.technion.ac.il*

Underwater electrical explosion of wires and wire arrays for studies of material parameters at extreme conditions and the generation of converging strong shock waves for studying compressed water will be presented. In addition, the stability of cylindrical converging shock wave and the generation of cumulative jets by underwater electrical explosion of cylindrical and conical wire configurations, will be discussed.