

Abstract Submitted
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Estimation of Spectral Characteristics of Particles, Which Are Ejected From Free Surface of Liquid Under Effect of Shock Wave VIKTOR RAEVSKY, RFNC-VNIIEF — Basing on common physical notion and the known analytical solution of Richtmyer, approximations are obtained for the equation to estimate spectral characteristics of particles ejected from surface of liquid under effect of shock wave. The basic characteristics of spectrum, namely, distributions of number and weights of particles in sizes, are determined by intensity of shock wave, spectrum of initial perturbations on surface, viscosity, and surface tension.

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