

COMPUTATIONAL AND EXPERIMENTAL ANALYSIS OF RICHTMYER-MESHKOV INSTABILITY IN CONDENSED MATTER

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The paper considers some regularities in the behavior of a hydrodynamic instability caused by shock transition through a free surface of condensed matter. The growth of perturbations was examined experimentally using radiographic techniques and computationally using the LEGAK code. Results of the theoretical analysis of the process at issue are reported.

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