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Numerical solution of an inverse problem of the dynamics of a radiating gas with axial symmetry. (English. Russian original) [Zbl 0664.76097](#)

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A numerical method is proposed for solving an inverse, non-stationary, axially symmetric problem of the dynamics of a radiating gas which is associated with the direct problem of the action of laser radiation on an aluminium vessel and its vapour. Results of numerical calculations are presented.

MSC:

[76N15](#) Gas dynamics, general

[78A99](#) General

Keywords:

inverse, non-stationary, axially symmetric problem; dynamics of a radiating gas; laser radiation

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