

# **DETERMINATION OF THE TEMPERATURE OF A PULSED DISCHARGE FROM ASYMMETRICALLY SELF-REVERSED SPECTRAL LINES.**

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## **Abstract**

A method for determining the temperature from the source function for asymmetrically self-reversed spectral lines is studied. The stability of the algorithm with respect to random errors in the starting data is demonstrated based on mathematical experiments. The method is used to study experimentally the temperature field of an impulsive discharge in a capillary.

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