

# **Response of the solar atmosphere in a loop to bombardment of electrons and other particles**

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We present a new generalized approach to computer numerical modelling the response of the solar atmosphere in a loop to bombardment of electrons and other particles. The relation between dynamical behaviour of a flare plasma and the evolution of the spatial distribution of various energy terms are studied. More adequate, sophisticated electron beam bombardment model [1] in the impulsive phase of solar flares is used and generalized the well known Nagai-Jordan model.

1. Loboda N.S., Response of the solar atmosphere in a loop to bombardment of electrons and other particles, Preprint of Odessa University, N13 (2006);