

LABORATORY AND COMPUTER SIMULATION OF WAVES GENERATION IN NON-STATIONARY SPACE PHENOMENA

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The paper is dedicated to the simulation of disturbances generation due to the collisionless interaction of the space plasma clouds with the magnetized medium, by the experimental and numerical methods. The experiments were carried out at KI-1 facility (Institute of Laser Physics SBRAS, Novosibirsk). Computer simulation was performed on the base of 2D hybrid model.