

*Milen Tsankov.* SOME DYNAMICAL EFFECTS CONNECTED WITH  
THERMAL NONHOMOGENEITIES IN THE BOUNDARY LAYER

On the basis of approach developed in [1-3] it is explored the vertical velocity induced by the joint influence of the friction and the thermal nonhomogeneities. The problem is solved at different angles of flowing of the analytically given thermal obstacle as it is distinguished the contribution of the linear and nonlinear factors and it is commented the significance of the obtained results.

**Keywords:** thermal nonhomogeneities, linear and nonlinear effect, flowing regimes, induced vertical velocities

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