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***On the exterior steady problem for the equations of a viscous isothermal gas***

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**Abstract:** We prove existence and a representation formula for solutions to the equations describing steady flows of an isothermal, viscous, compressible gas having a positive infimum for the density  $\varrho$ , moving in an exterior domain, when the speed of the obstacle and the external forces are sufficiently small.

**Keywords:** compressible flows, existence of steady solutions, exterior domains

**AMS Subject Classification:** 76N, 35Q