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## CALCULATION OF THE PRESSURE DISTRIBUTION ON BODIES OF REVOLUTION IN THE SUBSONIC FLOW OF A GAS: PART 1 AXIALLY SYMMETRICAL FLOW



Calculation of the Pressure Distribution on Bodies of Revolution in the Subsonic Flow of a Gas: Part 1 Axially Symmetrical Flow

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Bibliogov, United States, 2013. Paperback. Book Condition: New. 246 x 189 mm. Language: English . Brand New Book \*\*\*\*\* Print on Demand \*\*\*\*\*.The present report concerns a method of computing the velocity and pressure distributions on bodies of revolution in axially symmetrical flow in the subsonic range. The differential equation for the velocity potential  $\Phi$  of a compressible fluid motion is linearized in the conventional manner, and then put in the form  $\Delta(\Phi) = 0$  by affine transformation. The quantity...

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