

# Super accelerated flow in diverging conical pipes ( Conference Paper )

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## Abstract

The motion of the upper free surface of a liquid column released from rest in a vertical, conical container is analyzed theoretically and experimentally. An inviscid, one-dimensional model, for a slightly expanding pipe's radius, describes how the recently reported super free fall of liquids occurs in liquids of very low viscosity. Experiments agree with the theoretical results. © (2012) Trans Tech Publications, Switzerland.

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