

# WHAT WOULD HAPPEN IF ONE FELL THROUGH A HOLE THAT WENT STRAIGHT THROUGH THE CENTER OF THE EARTH<sup>1</sup>

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We consider a remarkable method of running trains with gravity as the sole power source. The track runs through a perfectly straight tunnel from one town to another. Since the middle of the tunnel is necessarily nearer the earth's center than its ends, the train runs downhill to the center, acquiring enough momentum to carry it up the other half of the tunnel.

## REFERENCES

1. L. Carrol *Sylvie and Bruno*. — Macmillan, 1889, 33 p.
2. G. Galileo *Dialogo dei Massimi Sistemi*. — Giornata Seconda, vol. 1, 1842, pp. 251-252.
3. C. Flammarion *A Hole through the Earth*. - The Standard Magazine, vol. 38, 1909, p. 348.

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