

How to Structure a LaTeX Document

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1 Rolling

Two balls of identical mass and shape with coefficient of friction $\mu = 0$, are set rolling at the same initial velocity from point A. Ignoring air resistance, which reaches the end of the track, point B, first?

2 Running

Runners race from point A to point B. The first section is smooth tarmac where there is good grip, the second is soft sand. Which of the five possible paths, a to e, is the fastest and why? **Extension:** Which area of physics is the applicable to?

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