Rotation, buoyancy and terminal-speed balances

GRE Subject Test · GRE Physics · Vocabulary in context

Word	Example
drag /dræg/	Air **drag** grows as the ball moves faster.
torque /tɔːk/	**Torque** is force times the perpendicular distance from the axis.
moment of inertia /ˈməʊmənt ɒv ɪˈnɜːʃə/	The **moment of inertia** depends on the chosen rotation axis.
parallel axis /ˈpærəlel ˈæksɪs/	Use the **parallel axis** theorem to move the axis away from the centre.
terminal speed /ˈtɜːmɪnl spiːd/	At **terminal speed**, the falling object has zero acceleration.
buoyancy /ˈbɔɪənsi/	**Buoyancy** equals the weight of fluid pushed aside.

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