



STEP II, 2018, Q11 EC

The most common mistake made in this question was to have the frictional force acting in the wrong direction, with many candidates assuming that the frictional force was pulling the motorbike backwards and a “driving force” from the engine acted to push it forwards. The great majority of candidates did attempt to find moments about the centre of mass as instructed, but there were some attempts to evaluate moments about one of the wheels.



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