

## STEP II, 2009, Q9 EC

**Q9** Of the applied maths questions, this was (again) by far the most popular, drawing around 300 attempts. It also proved to be one of the highest-scoring of all the questions on the paper, with a mean score of 12. Finding the position of the centre of mass was sensibly used by most

candidates, and the first two parts yielded high marks. The last part attracted less confident algebra, which is curious given that it involved much the same sort of work.



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