

## **STEP III, 2012 Q9 EC**

9. The second least popular question attempted by only a couple of dozen candidates with very little success, less than any other question. The problem was none of the candidates appreciated how to handle the algebra to obtain the first result, even if they had obtained the equations of motion. Unfortunately, they rarely had the full set of equations of motion. As a consequence, they made no progress on the second part.



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