

## STEP III, 2014 , Q9 EC

9. A fifth attempted this, scoring at the same level as question 8. The first differentiation and the verification of the initial conditions were managed but very few bothered to check that the equation of motion was satisfied. Most obtained the first displayed result but few realised that  $\beta$  was the angle of depression rather than elevation and this generated plenty of sign errors. A few did achieve the very final result.



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