



## STEP II, 2018, Q9 EC

This was the most popular of the mechanics questions, with almost half of the candidates attempting it. Many candidates were able to apply the required sequence of calculations and secured good marks on this question, although in some cases some steps were omitted which limited the amount of success that could be achieved on the question. In the final part of the question weaker candidates struggled to get the signs of the velocities correct and therefore were unable to reach the correct coefficient of restitution between the two particles.



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