

STEP III, 2011 Q11 EC

11. The least popular question on the paper, attempted by about 4%, but with similar mean score to question 2 (and several others). Mostly, they did pretty well in finding the couple, and using the initial trigonometric relation and its consequences to do so. At that point they tended not to know how to proceed to the last part, though there were some very good and simple solutions from considering energy.



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