

Solutionbank M1

Heinemann Modular Maths for Edexcel AS and A-level

4 Forces

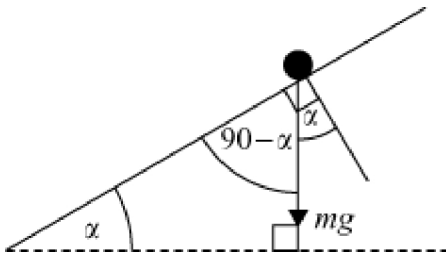
Exercise D, Question 8

Question:

A particle of mass m kg lies at rest on a rough plane, inclined at α to the horizontal. What is the component of the weight down the plane?

Solution:

component down the plane = $mg \sin \alpha$



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