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### UNIVERSITY OF CAMBRIDGE INTERNATIONAL EXAMINATIONS

# **SYLLABUS UPDATE**

## A LEVEL FURTHER MATHEMATICS SYLLABUS 9231

Please note the following amendment to the 2014 syllabus.

## Page 8

Theme or topic (within table)

### 2. Polar coordinates

3rd bullet

Insert:  $\frac{1}{2}$ 

Before  $\int_{\alpha}^{\beta}$ 

recall the formula  $\frac{1}{2}\int_{\alpha}^{\beta}r^2\;\mathrm{d}\theta$  for the area of a sector, and use this formula in simple cases.