



UNIVERSITY OF CAMBRIDGE INTERNATIONAL EXAMINATIONS  
General Certificate of Education Ordinary Level

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**MATHEMATICS (SYLLABUS D)**

**4024/22**

Paper 2

**October/November 2012**

**2 hours 30 minutes**

Candidates answer on the Question Paper.

Additional Materials: Geometrical instruments  
Electronic calculator

**READ THESE INSTRUCTIONS FIRST**

Write your Centre number, candidate number and name on all the work you hand in.

Write in dark blue or black pen.

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**Section A**

Answer **all** questions.

**Section B**

Answer any **four** questions.

If working is needed for any question it must be shown in the space below that question.

Omission of essential working will result in loss of marks.

You are expected to use an electronic calculator to evaluate explicit numerical expressions.

If the degree of accuracy is not specified in the question, and if the answer is not exact, give the answer to three significant figures. Give answers in degrees to one decimal place.

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The number of marks is given in brackets [ ] at the end of each question or part question.

The total of the marks for this paper is 100.

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# 4024 W12 Ms 22

**Jiyuan Zhang**



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