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AMA1D01C

The History of Ancient Chinese and World Mathematics

《九章算術》如何於當年領先世界？
華夏數學對計算圓周率有何劃時代之處？
是誰將《幾何原本》引入大明？
巴比倫人如何使用六十進制？
誰是微積分的發明者？

You can find all the answers in this subject!

**This subject satisfies the
requirement of CR/CW and CSR.**



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AMA1D03

Introduction to Pension Mathematics

How to sustain your living after retirement?
How to construct a good pension scheme?
How to make better financial planning?
How to evaluate interest and discount?

You can find all the answers in this subject!



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AMA1D05
Modeling the World:
From Phenomena to Mathematics

Application of mathematical techniques to solve selected problems in areas such as ecology, biology, economics, finance, social sciences, life sciences, physical sciences and engineering.

The emphasis will be on the building of mathematical models and on interpreting the solutions of these models in terms of real-life applications.



AMA2D02 Statistics in Society

What is descriptive statistics?
What is the use of statistics in business and commerce?
What is the use of statistics in science and technology?
What can be interpreted from opinion poll?
What are the common statistical software?

All these will be answered in this course!