

Autograph Workshops

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Making the new MS Office 2007 Mathematically Friendly

Abstract

Office 2007 has a new, powerful interface, but underneath it is much the same. This session will guide you through the new ways into the familiar tasks in Word and Excel. In particular, in Word: how to create handsome diagrams (remember there is now no Drawing toolbar!) and expressions (using Unicode characters and the new, fancy 'Equation builder'), and how to find old faithfuls that are now a bit buried, such as the indispensable 'Autocorrect'. In Excel: how to find the even more buried, but also indispensable, slider-bar. [Lots of relevant files on www.tsm-resources.com].

Fun with Autograph for the youngsters (Workshop for teachers of years 7-10)

Abstract

This will be chance to try out some lesson plans for the younger mathematicians, using the latest incarnation of Autograph 3, led by the Author from the Old Country! You will be able to see how much fun they can have exploring transformations in 2D and 3D (including making a simple space-ship and modelling the opening sequence to Star Trek!), fitting graphs to photos of familiar objects, finding new ways to discover the quadratic, and magically changing huge datasets into beautiful statistical diagrams, etc. [There are lots of 3-minute tutorials on www.autograph-maths.com].

Pushing the boundaries with Autograph (Workshop for teachers of years 11-12)

Abstract

This will be chance to see how the more advanced mathematicians can extend their exploration of the subject , using the latest incarnation of Autograph 3, led by the Author from the Old Country! Whether it's on the syllabus or not, this is about motivation, and the excitement of visualising new concepts in probability, statistics, and coordinate geometry in 2D and 3D. Autograph is in wide use in the UK, so this is also a great chance to find out what all the fuss is about! There are lots of 3-minute tutorials on www.autograph-maths.com.