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Autograph for Dynamic Mathematics in 2D and 3D

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Abstract

Autograph is a wide-ranging dynamic software for secondary and college level mathematics. It covers probability and statistics, 2D graphing (from coordinate geometry to differential equations), and 3D graphing (including lines, planes, vectors and surfaces). Translated into 21 languages (include Polish) Autograph is a popular choice for teachers and students who require a straight-forward interface.

This display will feature a number of lesson plans at secondary level that demonstrate Autograph's ease of use and the effectiveness of the visualisations.

Keywords

Autograph, mathematics, secondary, graphing, 2D, 3D, probability, statistics, pedagogy, effectiveness, visualising, calculus, trigonometry, transformations, vectors, differential equations.

Biography



Douglas Butler taught secondary mathematics for over 30 years in England, and now runs the popular TSM workshops for mathematics teachers to try to encourage effective use of ICT in mathematics lessons. He also oversees the development team for the dynamic software Autograph.

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