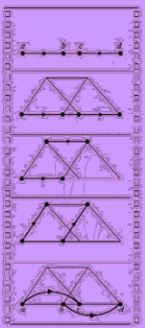
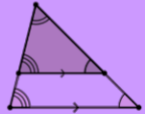


EUCLID TRANSMOGRIFIED: A NATIONAL SCANDAL

The Extraordinary Development of a Foundationally Flawed, Composite System of Geometry in Twentieth-Century Ireland



Euclid Transmogrified: A National Scandal tells the extraordinary story of how in the mid twentieth century, in a well-developed European country, a mathematically solid system of geometry was altered to such an extent that more than one million students were taught foundationally flawed geometry over more than a quarter of a century. The almost unbelievable situation came about in Ireland in the wake of early postcolonial developments that gave rise to an impressionable and unqualified civil service in a position of power over a nation's educational development. This is a multifaceted tale of a perfect storm within mathematics development in Ireland whose result was so destructive that its ramifications continue to be felt into the twenty-first century, forty years after a report of a Royal Irish Academy commission of professors of mathematics described the matter as a national scandal.

Susan M. C. Mac Donald was born in Dublin. She holds degrees in mathematics, music, philosophy and Greek and Roman civilization from Maynooth University, together with postgraduate qualifications in computer, mathematical and health sciences. She holds a PhD in the development of geometry syllabuses from Maynooth University. She is a former researcher and developer in computational musicology and a former lecturer in music technology. She is currently a university lecturer in mathematics.



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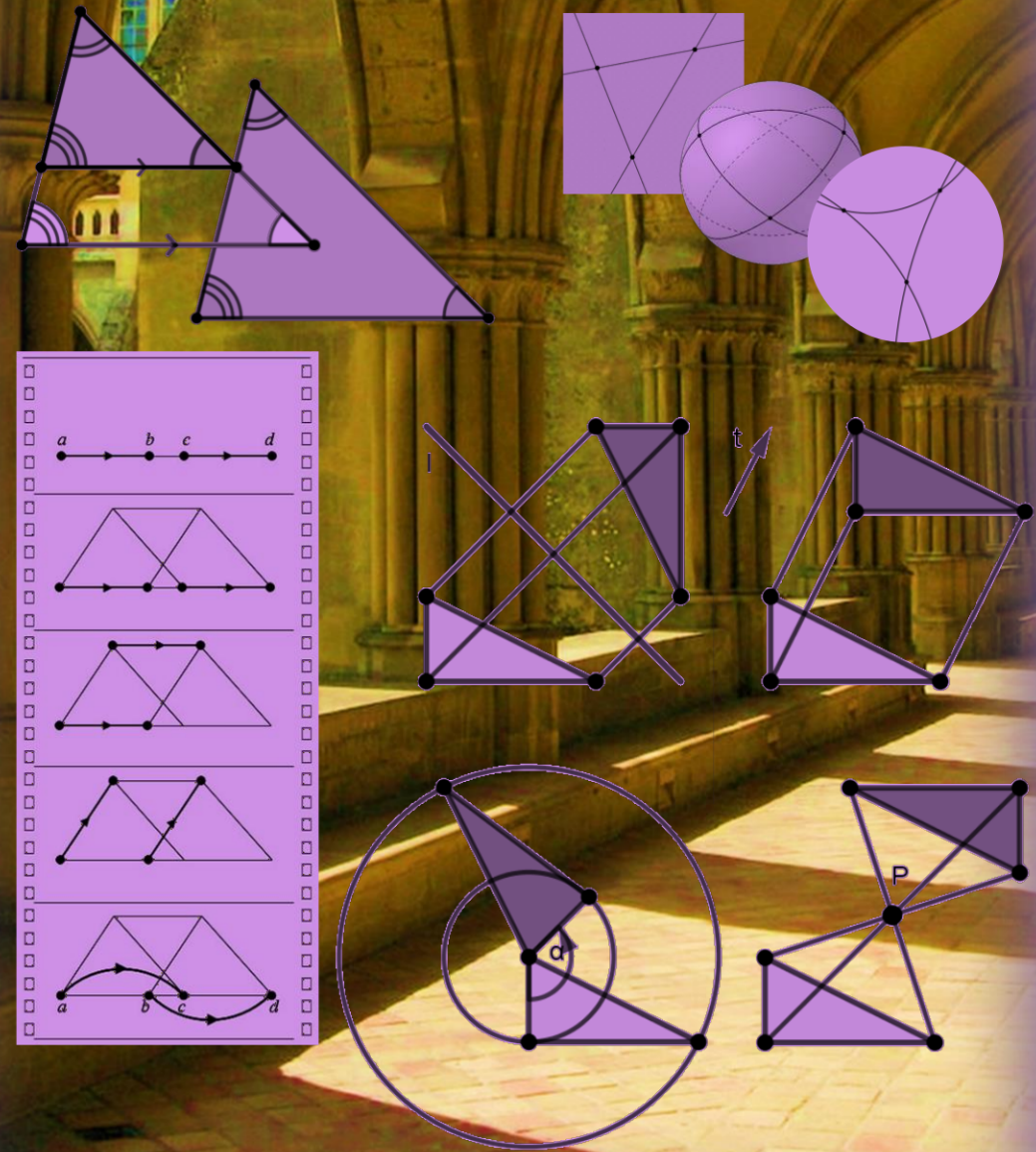


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