**Abstract**

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| One of the most famous problems in the history of mathematics is solving polynomial equations. We all know about the Quadratic Formula. There is a Cubic Formula, which has a discriminant like the Quadratic Equation does, describing the nature of its roots. It turns out that there is also a Quartic Formula for solving fourth-degree polynomials!  Unfortunately there is no general formula for higher- degree polynomial equations. In this talk, I will discuss these topics (mainly the Cubic Formula and the fascinating human interest stories they involve. |
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