

Mathematics is Lovely

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This presentation is intended for wider audience as by its nature is a popular talk, for listeners of different levels of mathematical knowledge. It will promote the qualities of mathematics related to its artistic, aesthetic, and "supreme" beauties, which include balance, order, correctness, exactness, truth, and "beautiful" emotions inspired (like admiration, excitement, happiness, thankfulness, curiosity, respect, relaxation). The natural connections of mathematics and art, mathematics and music, mathematics and patterns, mathematics and design, will be presented. The main objective of this talk is to widen the views of teachers at all levels of education and to motivate them to spread further the beauties of mathematics, bringing students into mathematical aspects they were most likely unaware of.