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Truth & beauty: mathematics in literature.

Math. Teach. (Reston) 106, No. 7, 534-539 (2013).

Summary: Today there are many categories of mathematics literature, including fiction and poetry. This article describes Truth and Beauty: Mathematics in Literature, the course that the author developed and teaches. This course explores mathematical writings as well as the mathematics that inspired them, thereby imparting appreciation of mathematics, literature, and the connection between the two. Although developed as a college course, satisfying both a mathematics and a writing requirement, it could easily be adapted for high school by changing expectations as to mathematical and worldly maturity. (ERIC)

Classification: M84 M85 A84 A85 D34 D35

Keywords: poetry; fiction; mathematics and literature; interdisciplinary approach; teaching methods; secondary school mathematics; college mathematics; writing

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