

The Art of Math

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Abstract

In the movie *A Beautiful Mind* there is a scene where future Nobel prize winner John Nash is captivated by a fellow student's tie. When asked about his behavior Nash quips, "There has to be a mathematical explanation for how bad that tie is." (Grazer & Howard, 2000) In this light moment, director Ron Howard attempts to show us that the mind of a great mathematician works by making connections, and that those connections can be between areas as seemingly disparate as mathematics and design. Recent studies show that there is more than a grain of truth in this scene.