



Words of Mathematics

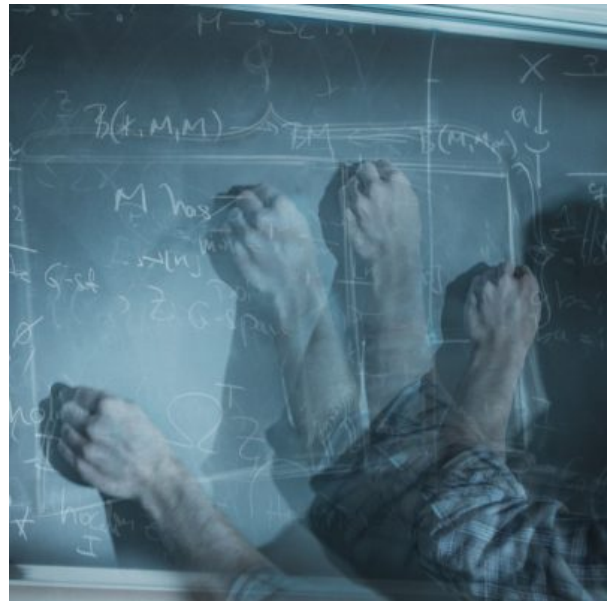
Words of Mathematics is an art decoration project that Bugge made in 2013. It was for the Department of Mathematical Sciences at the University of Copenhagen. Generally, the project challenges the traditional way of communicating mathematics by creating a visual experience of mathematical terms. In other words, the project combines scientific method and artistic practice. In order to make the project, Bugge collaborated with two mathematicians, Nathalie Wahl from Dep. of Mathematics, (University of Copenhagen). And Dr. of Mathematics John Donaldson.

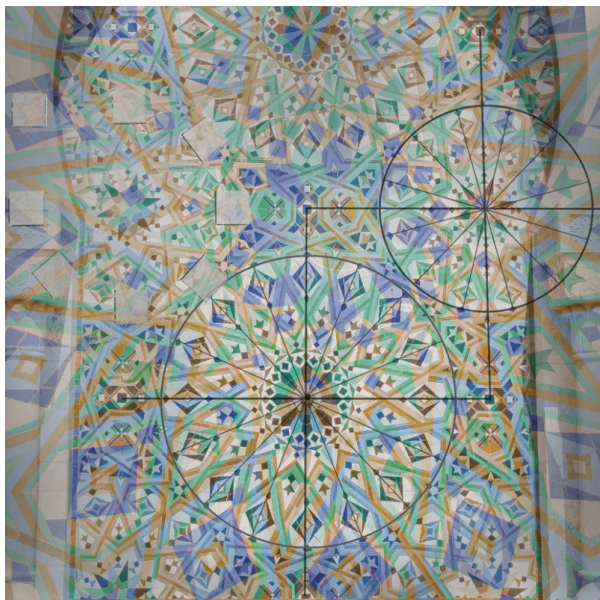


"I met John Donaldson at an interview at Herlufsholm School. He opened a new view on mathematics for me. A language that describes our chaos and structure, a drunk man walking, a ball through the air, dimensions beyond my imagination. Fibonacci who created his formula of beauty etc. Suddenly, I found the world of mathematics very fascinating" – Ingrid Bugge

Arrangements are available in the Gallery

[Go To Gallery](#)





Presentation

Bugge presented the project in the main hall at University of Copenhagen on August 28 2013. You can read more about the project [here](#)

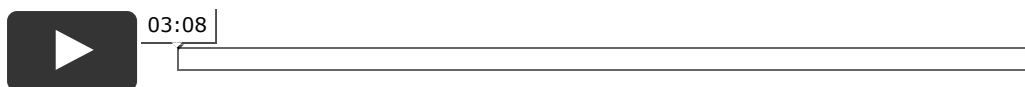




Videos

Mathematics provides us with a language to describe the patterns and structures that construct our world. The starting point of the project is to translate the language and insights of mathematics into a visual art experience. To illustrate the mathematics in our daily lives the project highlights three concepts: symmetric patterns, C^* algebra and 'The Golden Ratio'. Take for example a mosaic. Besides being a beautiful interior decoration it is also a complex symmetric pattern.

c^* Algebra



The Beauty of Mathematics - Art Photographer Ingrid Bugge



The mosaic of symmetry



Media Coverage

Politiken

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