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Editors

Imagine Maths 4

Between Culture and Mathematics



Imagine mathematics, imagine with the help of mathematics, imagine new worlds, new geometries, new forms. Imagine building mathematical models that make it possible to manage our world better, imagine solving great problems, imagine new problems never before thought of, imagine music, art, poetry, literature, architecture, theatre and cinema with mathematics. Imagine the unpredictable and sometimes irrational applications of mathematics in all areas of human endeavour. The series *Imagine Maths* is intended to contribute to grasp the interesting and the new that is happening in the relationships between mathematics, imagination and culture. This volume contains an homage to one of the great artists of last century, Max Bill, who died in 1994. It focuses on music, art, design and architecture, along with literature and cinema. No less important are applications of

mathematics to physics, energy, earthquakes and computer graphics. And even the geometry of foods is included!

All topics are treated in a way that is both rigorous and captivating, detailed and full of evocations. An all-embracing look at the world of mathematics and culture.

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