

<<纽结与共形几何的能量ENERGY>>

图书基本信息

书名：<<纽结与共形几何的能量ENERGY OF KNOTS AND CONFORMAL GEOMETRY>>

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作者：O'Hara, Jun

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内容概要

Energy of knots is a theory that was introduced to create a "canonical configuration" of a knot — a beautiful knot which represents its knot type. This book introduces several kinds of energies, and studies the problem of whether or not there is a "canonical configuration" of a knot in each knot type. It also considers this problems in the context of conformal geometry. The energies presented in the book are defined geometrically. They measure the complexity of embeddings and have applications to physical knotting and unknotting through numerical experiments.

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