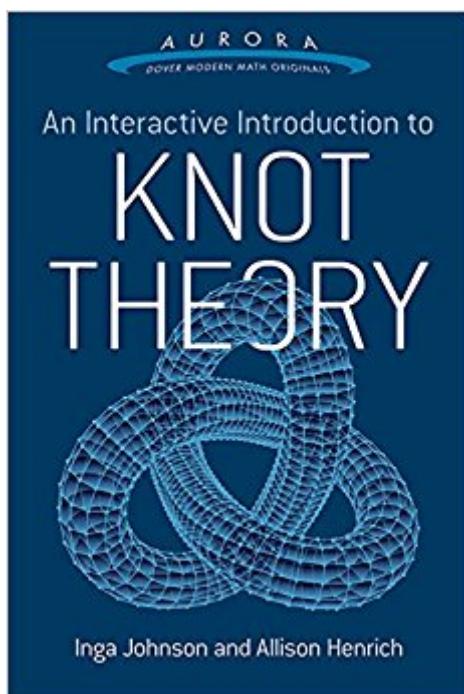


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# An Interactive Introduction To Knot Theory (Aurora: Dover Modern Math Originals)



## Synopsis

This well-written and engaging volume, intended for undergraduates, introduces knot theory, an area of growing interest in contemporary mathematics. The hands-on approach features many exercises to be completed by readers. Prerequisites are only a basic familiarity with linear algebra and a willingness to explore the subject in a hands-on manner. The opening chapter offers activities that explore the world of knots and links including games with knots and links and invites the reader to generate their own questions in knot theory. Subsequent chapters guide the reader to discover the formal definition of a knot, families of knots and links, and various knot notations. Additional topics include combinatorial knot invariants, knot polynomials, unknotting operations, and virtual knots.

## Book Information

Series: Aurora: Dover Modern Math Originals

Paperback: 192 pages

Publisher: Dover Publications (January 18, 2017)

Language: English

ISBN-10: 0486804631

ISBN-13: 978-0486804637

Product Dimensions: 6 x 0.3 x 9 inches

Shipping Weight: 11.4 ounces (View shipping rates and policies)

Average Customer Review: 3.5 out of 5 stars 2 customer reviews

Best Sellers Rank: #670,087 in Books (See Top 100 in Books) #146 in Books > Science & Math > Mathematics > Geometry & Topology > Topology

## Customer Reviews

Allison Henrich is Associate Professor and Chair of the Department of Mathematics at Seattle University. Inga Johnson is Professor of Mathematics at Willamette University.

I think this is the easiest way to start understanding knot theory. The book by Cromwell had been my previous favorite, but certain notions like links are introduced speedily in this treatment and totally are left absent in the appendix of my previous choice.

Much too algebraic in its orientation.

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