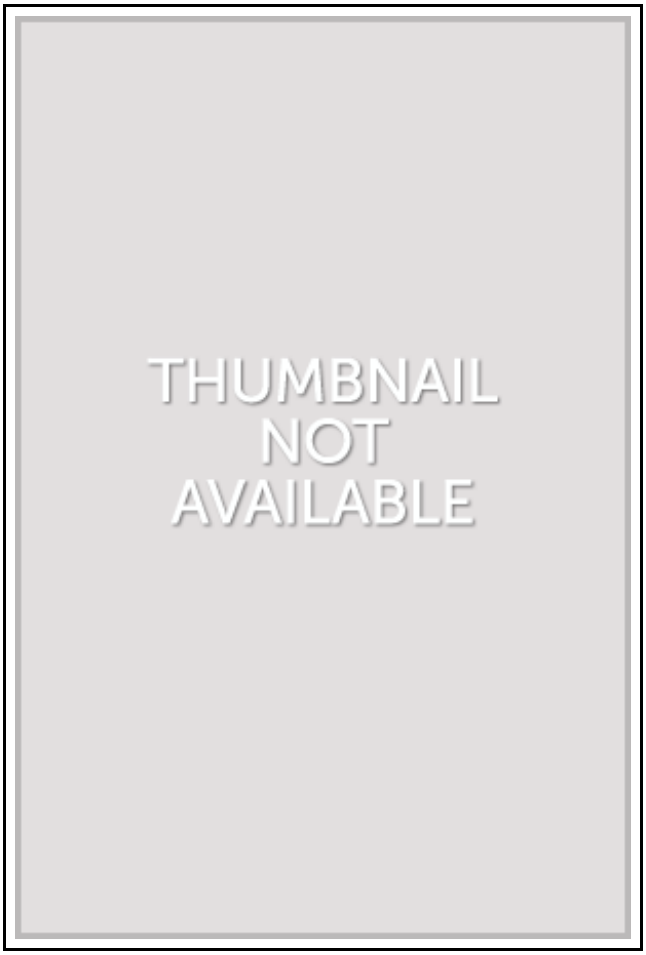
A Tooth for a Tooth: A Vexiq Gear Handbook (Paperback)



Filesize: 3.8 MB

Reviews

This ebook could be well worth a study, and superior to other. It really is basic but unexpected situations inside the 50 % of your ebook. Once you begin to read the book, it is extremely difficult to leave it before concluding.

(Prof. Buford Ziemann)

A TOOTH FOR A TOOTH: A VEXIQ GEAR HANDBOOK (PAPERBACK)

DOWNLOAD PDF

To read **A Tooth for a Tooth: A Vexiq Gear Handbook (Paperback)** eBook, remember to follow the web link below and save the file or have access to additional information that are related to A TOOTH FOR A TOOTH: A VEXIQ GEAR HANDBOOK (PAPERBACK) book.

Createspace, United States, 2014. Paperback. Book Condition: New. 254 x 203 mm. Language: English . Brand New Book ***** Print on Demand *****.Written for aspiring Vex IQ teams, coaches and middle-and high schoolers, this is a handbook for designing compact, rigid and efficient gearboxes for robotics applications. The book presents a mathematically-rigorous analysis of multi-stage gear systems. Parts of the book are suitable for beginner teams and younger students - most chapters and concepts are summarized and simplified to a second grade level by Professor Gearhardt, who Loves To Simplify. This book is based upon an original STEM research project completed by the authors as part of the requirements of the 2014 VEX IQ Robotics Competition Challenge, Add It Up. This research project helped the team win the overall championship (the Excellence Award) at the 2014 VEX IQ State Championship in Virginia and propelled them to the VEX IQ World Championship. Team members have collectively won 9 robotics awards at regional, state and national levels over the past three years. This research is being published to help other teams use and build upon the authors original research on designing gearboxes, and to inspire other top teams to publish and share their research. The book starts with a brief history of gears. Gears have been in use for almost 5,000 years! You can learn about the various types of gears and the rules of gearing. Gears also occur in nature. Did you know that the insect Issus Coleoptratus uses skeletal gears to jump? Starting with a simple explanation of simple and compound gears, the book proceeds to explain the mechanical structure of multi-stage gear systems. The fundamental relation between torque and speed is next explored. When a gear system is used to increase torque by a certain factor, the angular velocity...

Read A Tooth for a Tooth: A Vexiq Gear Handbook (Paperback) Online
Download PDF A Tooth for a Tooth: A Vexiq Gear Handbook (Paperback)
Download ePUB A Tooth for a Tooth: A Vexiq Gear Handbook (Paperback)

See Also

[PDF] Adult Coloring Books Reptiles: A Realistic Adult Coloring Book of Lizards, Snakes and Other Reptiles (Paperback)
Click the link listed below to read "Adult Coloring Books Reptiles: A Realistic Adult Coloring Book of Lizards, Snakes and Other Reptiles (Paperback)" PDF document.
Save eBook »

[PDF] Children s Handwriting Book of Alphabets and Numbers: Over 4,000 Tracing Units for the Beginning Writer (Paperback)
Click the link listed below to read "Children s Handwriting Book of Alphabets and Numbers: Over 4,000 Tracing Units for the Beginning Writer (Paperback)" PDF document.
Save eBook »

[PDF] Ella the Doggy Activity Book (Paperback)
Click the link listed below to read "Ella the Doggy Activity Book (Paperback)" PDF document.
Save eBook »

[PDF] Adult Coloring Book Birds: Advanced Realistic Bird Coloring Book for Adults (Paperback)
Click the link listed below to read "Adult Coloring Book Birds: Advanced Realistic Bird Coloring Book for Adults (Paperback)" PDF document.
Save eBook »

[PDF] Nautical Coloring Book: An Advanced Adult Coloring Book of Nautical, Maritime and Seaside Scenes (Paperback)
Click the link listed below to read "Nautical Coloring Book: An Advanced Adult Coloring Book of Nautical, Maritime and Seaside Scenes (Paperback)" PDF document.
Save eBook »

[PDF] Alphabet Tracing (Paperback)
Click the link listed below to read "Alphabet Tracing (Paperback)" PDF document.
Save eBook »

[PDF] A Year Book for Primary Grades; Based on Froebel s Mother Plays (Paperback)

Follow the web link below to download "A Year Book for Primary Grades; Based on Froebel s Mother Plays (Paperback)" PDF document.

Read eBook »

[PDF] No Friends?: How to Make Friends Fast and Keep Them (Paperback)

Follow the web link below to download "No Friends?: How to Make Friends Fast and Keep Them (Paperback)" PDF document.

Read eBook »

[PDF] Who Am I in the Lives of Children? an Introduction to Early Childhood Education with Enhanced Pearson Etext -- Access Card Package (Paperback)

Follow the web link below to download "Who Am I in the Lives of Children? an Introduction to Early Childhood Education with Enhanced Pearson Etext -- Access Card Package (Paperback)" PDF document.

Read eBook »

[PDF] Ohio Court Rules 2014, Government of Bench Bar (Paperback)

Follow the web link below to download "Ohio Court Rules 2014, Government of Bench Bar (Paperback)" PDF document.

Read eBook »

[PDF] Ohio Court Rules 2013, Practice Procedure (Paperback)

Follow the web link below to download "Ohio Court Rules 2013, Practice Procedure (Paperback)" PDF document.

Read eBook »

[PDF] The Savvy Cyber Kids at Home: The Defeat of the Cyber Bully (Paperback)

Follow the web link below to download "The Savvy Cyber Kids at Home: The Defeat of the Cyber Bully (Paperback)" PDF document.

Read eBook »