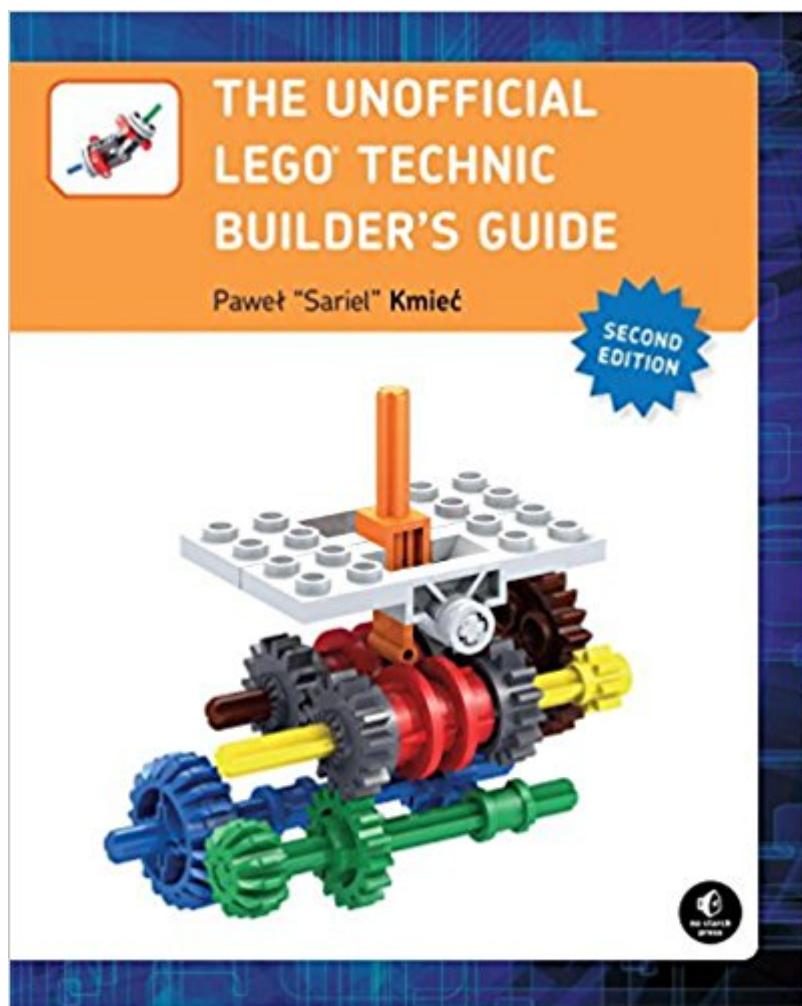


The book was found

The Unofficial LEGO Technic Builder's Guide, 2nd Edition



Synopsis

This thoroughly updated second edition of the best-selling Unofficial LEGO Technic Builderâ™s Guide is filled with tips for building strong yet elegant machines and mechanisms with the LEGO Technic system. World-renowned builder Pawe? "Sariel" Kmiec covers the foundations of LEGO Technic building, from the concepts that underlie simple machines, like gears and linkages, to advanced mechanics, like differentials and steering systems. This edition adds 13 new building instructions and 4 completely new chapters on wheels, the RC system, planetary gearing, and 3D printing. Youâ™ll get a hands-on introduction to fundamental mechanical concepts like torque, friction, and traction, as well as basic engineering principles like weight distribution, efficiency, and power transmissionâ" all with the help of Technic pieces. Youâ™ll even learn how Sariel builds his amazing tanks, trucks, and cars to scale. Learn how to:â"Build sturdy connections that can withstand serious stressâ"Re-create specialized LEGO pieces, like casings and u-joints, and build custom, complex Schmidt and Oldham couplingsâ"Create your own differentials, suspensions, transmissions, and steering systemsâ"Pick the right motor for the job and transform it to suit your needsâ"Combine studfull and studless building styles for a stunning lookâ"Build remote-controlled vehicles, lighting systems, motorized compressors, and pneumatic engines. This beautifully illustrated, full-color book will inspire you with ideas for building amazing machines like tanks with suspended treads, supercars, cranes, bulldozers, and much more. What better way to learn engineering principles than to experience them hands-on with LEGO Technic? New in this edition: 13 new building instructions, 13 updated chapters, and 4 brand-new chapters!

Book Information

Paperback: 424 pages

Publisher: No Starch Press; 2 edition (October 1, 2016)

Language: English

ISBN-10: 1593277601

ISBN-13: 978-1593277604

Product Dimensions: 8.1 x 0.9 x 10 inches

Shipping Weight: 2.6 pounds (View shipping rates and policies)

Average Customer Review: 5.0 out of 5 stars 30 customer reviews

Best Sellers Rank: #113,500 in Books (See Top 100 in Books) #27 inâ Books > Crafts, Hobbies & Home > Crafts & Hobbies > Toys & Models > Models #112 inâ Books > Crafts, Hobbies & Home > Crafts & Hobbies > Crafts for Children #497 inâ Books > Engineering & Transportation >

Engineering > Mechanical

Age Range: 10 and up

Grade Level: 5 and up

Customer Reviews

Pawe? "Sariel" Kmie? is a LEGO Technic enthusiast based in Warsaw, Poland. His LEGO creations have been featured in many magazines and on the worldâ™s most popular LEGO blogs. Sariel is a guest blogger for the official LEGO Technic website and is a LEGO Ambassador for Poland. He is YouTubeâ™s most viewed LEGO Technic builder and the author of *Incredible Lego Technic*.

Really a cool book by one of the elite technic builders. Helps you add to your lego skill set.

Great breakdown of complex mechanical structures in a logical and constructive way. Would recommend the book to anyone who looked at some of the more complex models and asked how did they do that.

My 12 year old received this for Christmas 2016. I think he was a little overwhelmed with it at first, then came back to me later with the book and was marveling at some of the ideas in it. He was inspired to make more complex and adventurous builds. Mission accomplished. Highly recommend for Lego Technic enthusiasts.

thanks

Incredible book, a must have for anyone interested in moving their Lego building creativity to the next level. Easy read too, my son (15 years old) can't put this book away! Kudos to the author (Pawel "Sariel" Kmiec) for writing this book!

Big book, lots of images. It's must have for all LEGO Technic fans.

Awesome

Beautiful book and well worth the price,. They could charge much more and it would be worth it.

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