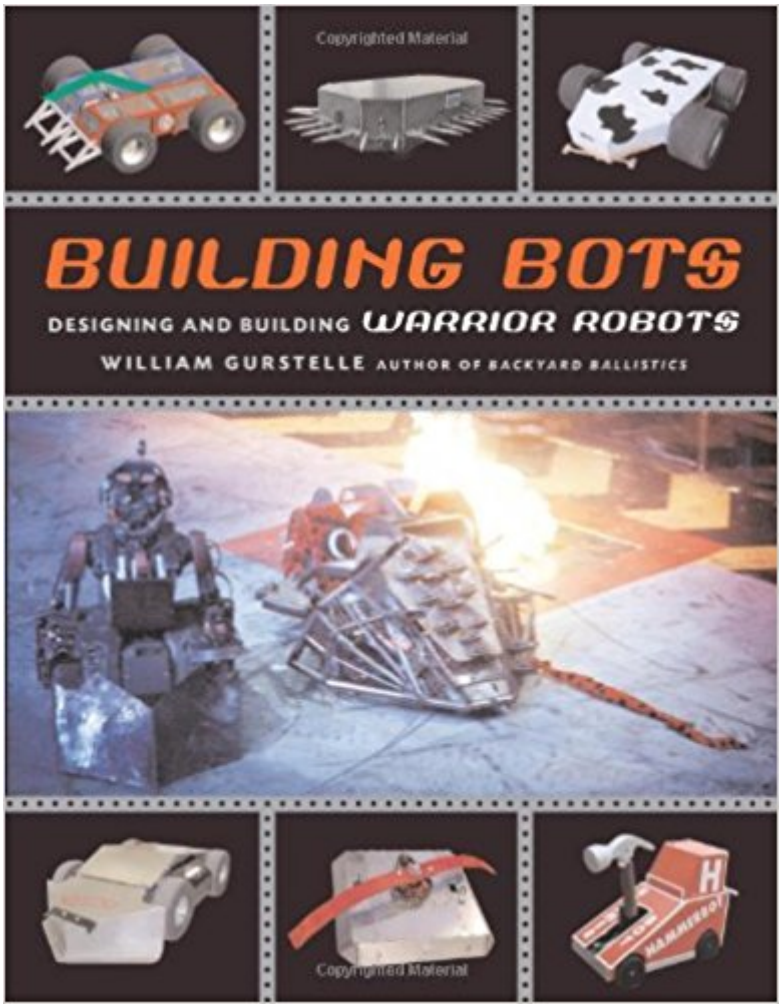
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Building Bots: Designing And Building Warrior Robots



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Synopsis

This is the definitive guide to designing and building warrior robots like those seen on BattleBots, Robotica, and Robot Wars. It walks robot enthusiasts of all ages step-by-step through the design and building process, enabling them to create any number of customized warrior robots. With a strong emphasis on safety, chapters include designing a robot, choosing materials, radio control systems, electric motors, robot batteries, motor speed controllers, gasoline engines, and drive trains. Clear instructions are accompanied by photos, line drawings, and detailed diagrams throughout. A color section showcases a variety of glorious fighting machines. For beginners, there is machine shop 101 and robot physics, and, of course, chapters on weaponry that include spinner robots, thwackbots, cutting blade robots, lifters, and chameleon robots. When the bot of their dreams is built, suggestions on where to compete and game-day strategies and tactics help readers take the next step. An extensive resource section lists parts suppliers, pertinent Web sites, a radio frequency chart, and a glossary.

Book Information

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Customer Reviews

Ã¢â ¬Å“Handy how-to guide for turning your garage into a robot war zone.Ã¢â ¬Â•Ã Â Ã¢â ¬â •The New Yorker Ã¢â ¬Å“For anyone who wants in on the metal mayhem.Ã¢â ¬Â•Ã Â Ã¢â ¬â •USA TodayÃ¢â ¬Å“For techie teens looking to tweak their talents during winter vacation, search no further.Ã¢â ¬Â•Ã Â Ã¢â ¬â •Boston Herald Ã¢â ¬Å“In 10 years, it will be bigger than Nascar.Ã¢â ¬Â• Ã Â Ã¢â ¬â •David Caulkins, president, Robotics Society of America

William Gurstelle is the author of the bestselling Backyard Ballistics. He is also a professional engineer and a technogeek bot builder. Gurstelle and his sons build and compete in the growing number of regional competitions with their own Tosca and Weber the Grillbot. He lives in Minneapolis, Minnesota. William Gurstelle is the author of Absinthe and Flamethrowers,Ã Â The Art of the Catapult,Ã Â the bestselling Backyard Ballistics,Ã Â Building Bots, Whoosh, Boom, Splat, and Notes from the Technology Underground. He is a professional engineer who has been researching and building model catapults and ballistic devices for more than 30 years. He is a contributing editor atÃ Â Make magazine and writes frequently for Wired, The Rake, and several other national magazines. He can be contacted at nfttu.blogspot.com.

When i ordered this book i was hoping to find a book that would be more helpful in my own creation of a warrior robot. This book contained more information that seems like it should be obvious such as getting a good team together. Their was very little actual useful information when it comes to the actual engineering of a warrior robot which, based on the title, seems like it would be the actual focus of the book. Overall i was incredibly disappointed with this book.

This was yet another experience that makes our family feel that is reliable. The book itself is unique and difficult to procure, but came through for us. William Gurstelle also came through for us again. I attribute much of my son’s creative success to Gurstelle’s work.

Purchased by school district. Didn’t hear any complaints from the teacher (and I would), so assume all’s good.

Great book for beginners. Enjoyed it.

Bought this for my 13 yr old Grandson which he read in 3-days. It answered so many questions about different construction methods. A great beginners book.

My son enjoys this book.

This book has the feel of something that was dashed off in a few weeks to meet a publishing deadline. The photos poorly illustrate the text, and many of the photos are inexplicably re-used at

multiple points in the book -- apparently just as 'filler'.The text does cover some of the basic questions a robot builder might pose, but there certainly is not enough detail to enable someone to actually construct a sucessful combat robot.There are many better books available on this subject. Search them out and add them to your library before you consider this purchase.

My grandson is a super leggo builder so I expected he'd have great fun with this. He expected the same until he looked at the additional materials and the cost. Basically, he'd need a couple hundred dollars for this to be functional.

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