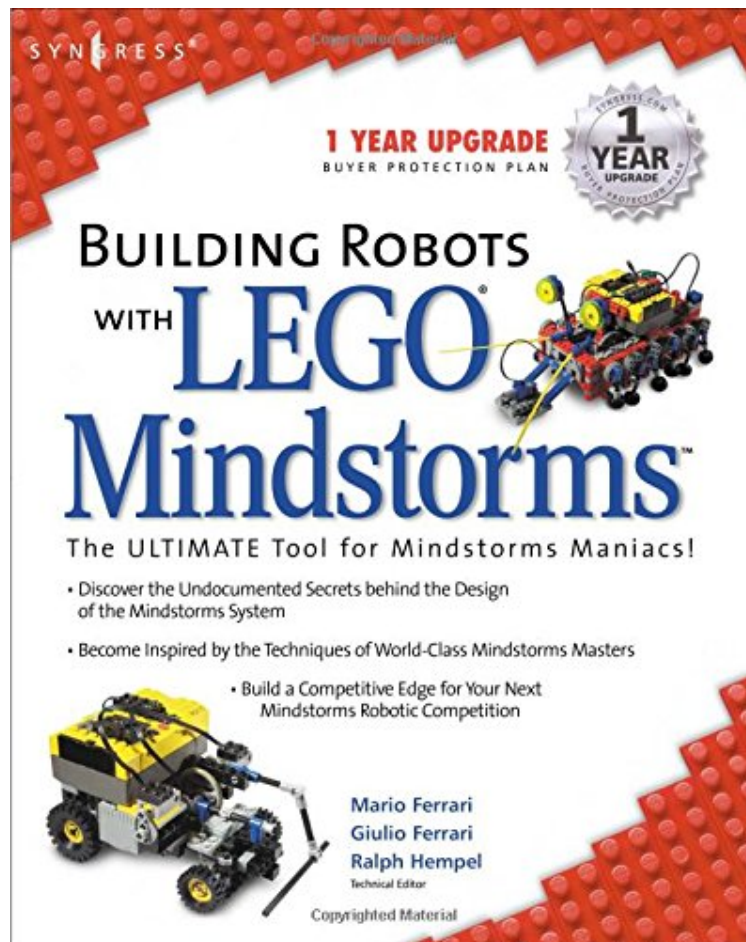


Building Robots With Lego Mindstorms : The Ultimate Tool for Mindstorms Maniacs

Mario Ferrari, Giulio Ferrari, Ralph Hempel
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#1260805 in BooksColor: White Syngress 2001-12-15 2002-01-05Original language:EnglishPDF # 1 9.22 x 1.74 x 6.88l, 2.00 #File Name: 1928994679656 pages | File size: 49.Mb

Mario Ferrari, Giulio Ferrari, Ralph Hempel : Building Robots With Lego Mindstorms : The Ultimate Tool for Mindstorms Maniacs before purchasing it in order to gage whether or not it would be worth my time, and all praised Building Robots With Lego Mindstorms : The Ultimate Tool for Mindstorms Maniacs:

0 of 0 people found the following review helpful. I love the ability to have a real book in my ...By JJWI am using it as a review of mature Lego products. For this , it is an interesting and informative read. Be aware that most of the internet contacts are no longer active but I have found that there still exist some that can be found if you know where to look. It has inspired many hours of interesting tinkering and exploration. I purchased a used edition at a very reasonable price. I love the ability to have a real book in my hands. Really loved it !7 of 7 people found the following review helpful. Very good book about a very cool system.By David EatonMindStorms is an absolutely fascinating robot building system for children, adults, and those who don't fit well into either category. This book helps you delve more deeply

into the principles behind making really cool robots with MindStorms. The opportunities for learning are just never-ending, and at the same time, the limitless fun anyone can have, from pre-teen to geezer, makes the learning very rewarding. This book helps open this potential. This book takes you beyond the step-by-step instructions in the Constructopedia, and doesn't shy away from the physical principles behind robots, so it is suited for the more experienced and mentally mature builder. I use it to get ideas for things I can build with my 9-year-old son. It won't be long until he's ready to have a go at the book himself, though. 0 of 0 people found the following review helpful.

Building Robots with Lego Mindstorms. By Rita Malsch
It was a gift for my nine-year-old grandson. He loved it and showed it around. I assume that he understands and likes to explore the different things he can do with Lego.

Lego robots! Mindstorms are sweeping the world and fans need to learn how to programme them. Lego Mindstorms are a new generation of Lego Robots that can be manipulated using microcomputers, light and touch sensors, an infrared transmitter and CD-ROMs. Since Lego launched Lego Mindstorms in late 1998 sales have skyrocketed - with no sign of slowing down. Mindstorms have captured the imagination of adults and children alike, creating a subculture of Mindstorm enthusiasts around the world. The kits are now a staple part of engineering and computer science classes at many high profile Universities. Building Robots with Lego Mindstorms provides readers with a fundamental understanding of the geometry, electronics, engineering, and programming required to build your own robots. Mario and Giulio Ferrari are world-renowned experts in the field of Lego Mindstorms robotics, and in this book they share their unrivaled knowledge and expertise of robotics as well as provide a series of chapters detailing how to design and build the most exotic robots. Mario and Giulio also give detailed explanations of how to integrate Lego Mindstorms kits with other Lego programmable bricks such as Scout and Cybermaster, as well as with non-robotic Lego Technics models.

About the Author
Mario Ferrari received his first Lego box around 1964, when he was 4. Lego was his favorite toy for many years, until he thought he was too old to play with it. In 1998, the Lego Mindstorms RIS set gave him reason to again have Lego become his main addiction. Mario believes Lego is the closest thing to the perfect toy. He is Managing Director at EDIS, a leader in finishing and packaging solutions and promotional packaging. The advent of the MINDSTORMS product line represented for him the perfect opportunity to combine his interest in IT and robotics with his passion for LEGO bricks, which started during his early childhood. Mario has been a very active member of the online MINDSTORMS community from the beginning and has pushed LEGO robotics to its limits. Mario holds a bachelor's degree in Business Administration from the University of Turin and has always nourished a strong interest for physics, mathematics, and computer science. He is fluent in many programming languages and his background includes positions as an IT manager and as a project supervisor. Mario estimates he owns over 60,000 Lego pieces. Mario works in Modena, Italy, where he lives with his wife Anna and his children Sebastiano and Camilla. Giulio Ferrari is a student in Economics at the University of Modena and Reggio Emilia, where he also studied Engineering. He is fond of computers and has developed utilities, entertainment software, and Web applications for several companies. Giulio discovered robotics in 1998, with the arrival of MINDSTORMS, and held an important place in the creation of the Italian LEGO community. He shares a love for LEGO bricks with his oldest brother Mario, and a strong curiosity for the physical and mathematical sciences. Giulio also has a collection of 1200 dice, including odd-faced dice and game dice. He studies, works, and lives in Modena, Italy.