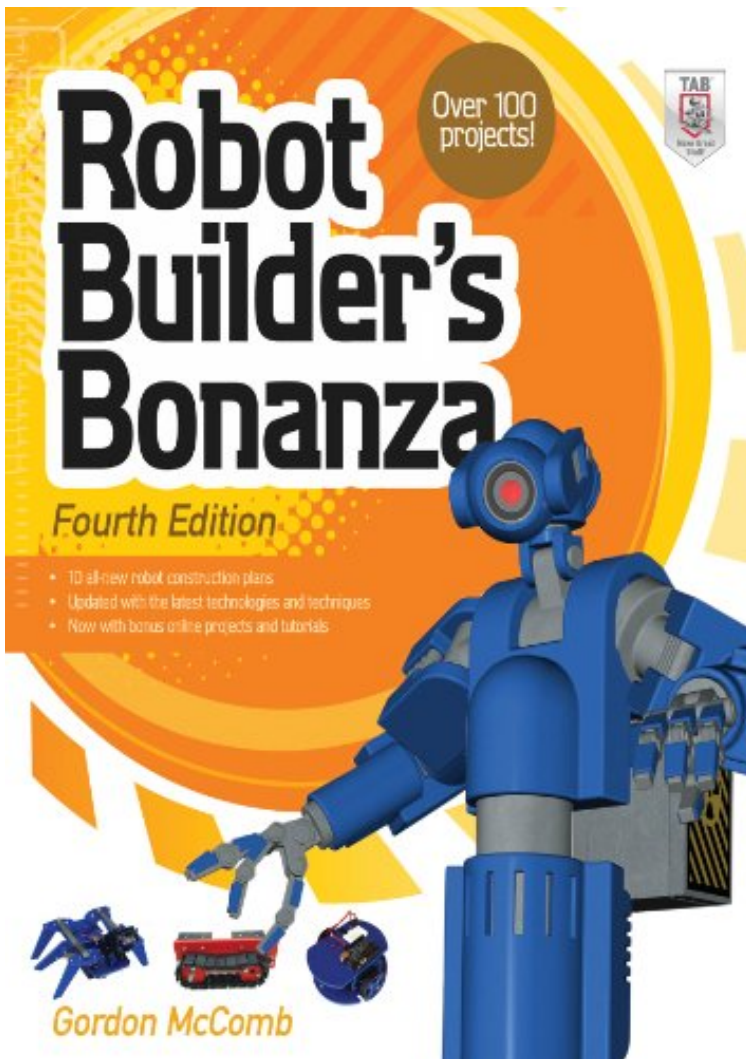


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Robot Builder's Bonanza, 4th Edition



Par Gordon McComb
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Prsentation de l'diteurThe Bestselling Robotics Book--Now with New Projects and Online Tools!Have fun while learning how to design, construct, and use small robots! This richly illustrated guide offers everything you need to know to construct sophisticated, fully autonomous robots that can be programmed from your computer. Fully updated with the latest technologies and techniques, Robot Builders Bonanza, Fourth Edition includes step-by-step plans that take you from building basic motorized platforms to giving the machine a brain--and teaching it to walk, talk, and obey commands.This robot builders paradise is packed with more than 100 affordable projects, including 10 completely new robot designs. The projects are modular and can be combined to create a variety of highly intelligent and workable robots of all shapes and sizes. Mix and match the projects to develop your own unique creations. The only limit is your imagination!Robot Builders Bonanza, Fourth Edition covers:Parts, materials, and toolsBuilding motorized wooden, plastic, and metal platformsRapid prototyping methodsDrafting bots with computer-aided

designConstructing high-tech robots from toysBuilding bots from found partsPower, motors, and locomotionRobots with wheels, tracks, and legsConstructing robotic arms and grippersRobot electronics and circuit makingComputers and electronic controlMicrocontrollers--Arduino, PICAXE, and the BASIC stampRemote control systemsSensors, navigation, and visual feedbackRobot vision via proximity, light, and distanceNew! FREE online content at:www.robotoid.comMy First Robot tutorial lessonsProject parts finderAnimated, interactive learning toolsHow-to videos, robot e-plans, bonus articles, links, and moreMake Great Stuff!TAB, an imprint of McGraw-Hill Professional, is a leading publisher of DIY technology books for makers, hackers, and electronics hobbyists.Prnsentation de l'diteurThe Bestselling Robotics Book--Now with New Projects and Online Tools!Have fun while learning how to design, construct, and use small robots! This richly illustrated guide offers everything you need to know to construct sophisticated, fully autonomous robots that can be programmed from your computer. Fully updated with the latest technologies and techniques, Robot Builders Bonanza, Fourth Edition includes step-by-step plans that take you from building basic motorized platforms to giving the machine a brain--and teaching it to walk, talk, and obey commands.This robot builders paradise is packed with more than 100 affordable projects, including 10 completely new robot designs. The projects are modular and can be combined to create a variety of highly intelligent and workable robots of all shapes and sizes. Mix and match the projects to develop your own unique creations. The only limit is your imagination!Robot Builders Bonanza, Fourth Edition covers:Parts, materials, and toolsBuilding motorized wooden, plastic, and metal platformsRapid prototyping methodsDrafting bots with computer-aided designConstructing high-tech robots from toysBuilding bots from found partsPower, motors, and locomotionRobots with wheels, tracks, and legsConstructing robotic arms and grippersRobot electronics and circuit makingComputers and electronic controlMicrocontrollers--Arduino, PICAXE, and the BASIC stampRemote control systemsSensors, navigation, and visual feedbackRobot vision via proximity, light, and distanceNew! FREE online content at:www.robotoid.comMy First Robot tutorial lessonsProject parts finderAnimated, interactive learning toolsHow-to videos, robot e-plans, bonus articles, links, and moreMake Great Stuff!TAB, an imprint of McGraw-Hill Professional, is a leading publisher of DIY technology books for makers, hackers, and electronics hobbyists.