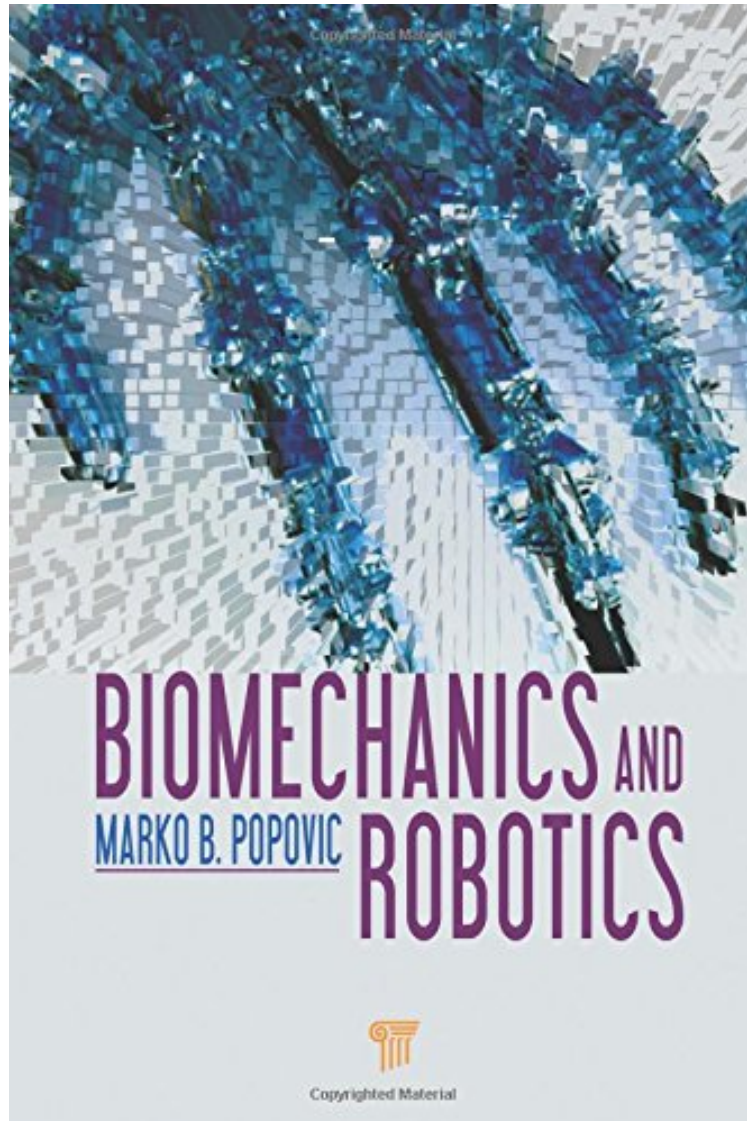


Biomechanics and Robotics

Marko B. Popovi

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The science and technology of biomechanics and robotics promise to be some of the most influential research directions of the twenty-first century. Biomechanics and Robotics goes beyond the individual areas of biomechanics, robotics, biomedical engineering, biomechatronics, and biologically inspired robotics to provide the first unified

textbook on the subject. It offers a "big picture" look at the state-of-the-art science and technology. With numerous figures, references, and exercises, the book presents a pedagogical introduction to a variety of topics, reviews historical developments, and gives up-to-date insights on modern-day biomechanics and robotics.

About the Author Marko B. Popovi is a physicist, biophysicist, roboticist, inventor, and entrepreneur. He is faculty with the Worcester Polytechnic Institute Physics Department, Biomedical Engineering Department, and Robotics Engineering Program. He is one of the founders of the MIT Biomechatronics Group and founder of WPI Popovic Labs. Results of his work are showcased by CNN, TIME Magazine, National Geographic, and many other domestic and overseas media.