



# Modeling And Control For Efficient Bipedal Walking Robots

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**Summary :** Free modeling and control for efficient bipedal walking robots pdf download - by the dawn of the new millennium robotics has undergone a major transformation in scope and dimensions this expansion has been brought about by the maturity of the field and the advances in its related technologies from a largely dominant industrial focus robotics has been rapidly expanding into the challenges of the human world the new generation of robots is expected to safely and dependably co-habitat with humans in homes workplaces and communities providing support in services entertainment education health care manufacturing and assistance beyond its impact on physical robots the body of knowledge robotics has produced is revealing a much wider range of applications reaching across diverse research areas and scientific disciplines such as biomechanics haptics neurosciences virtual simulation animation surgery and sensor networks among others in return the challenges of the new emerging areas are providing an abundant source of stimulation and insights for the field of robotics it is indeed at the intersection of disciplines that the most striking advances happen the goal of the series of Springer tracts in advanced robotics star is to bring in a timely fashion the latest advances and developments in robotics on the basis of their significance and quality it is our hope that the wider dissemination of research developments will stimulate more exchanges and collaborations among the research community and contribute to further advancement of this rapidly growing field

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