



# Biologically Inspired Robots: Snake-like Locomotors and Manipulators

By *Shigeo Hirose*

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Living systems often exhibit a fascinating repertoire of phenomena that inspire new engineering solutions to old problems. This book is an account of the author's investigations of the locomotion of snakes and the application of his findings to a new class of robots displaying snake-like motions. The author expertly presents the case that robots in which whole mechanisms move have many potential applications that should be fully exploited in the future when the pertinent technological developments have been achieved. This unique work will be interesting to both robotics engineers and zoologists.

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