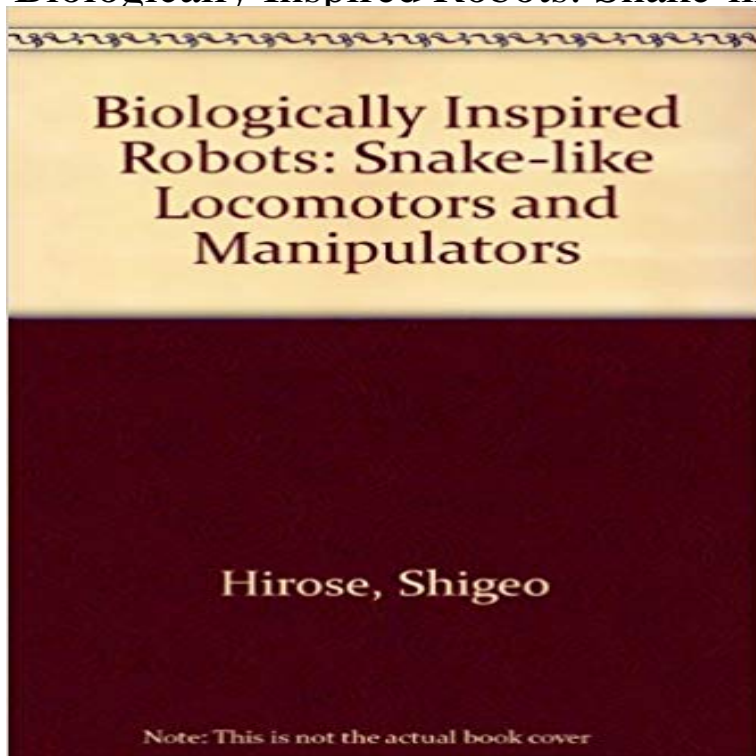


Biologically Inspired Robots: Snake-like Locomotors and Manipulators



Living systems often exhibit a fascinating repertoire of phenomena that inspire new engineering solutions to old problems. This book is an account of the authors 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.

Biologically inspired robots : snake-like locomotors and manipulators / Shigeo Hirose translated by Peter Cave
Development of the ACM as a Manipulator.1, Otter Close,. Bletchley,. Milton Keynes MK3 7QP. (UK).
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