



Biologically Inspired Intelligent Robots (SPIE Press Monograph Vol. PM122)

Yoseph Bar-Cohen

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Advances in biologically-inspired technologies, such as artificial intelligence and artificial muscles, are making the possibility of engineering robots that look and behave like humans a closer reality. The multidisciplinary issues involved in the development of these robots include materials, actuators, sensors, structures, functionality, control, intelligence, and autonomy. This book reviews various aspects ranging from the biological model to the vision for the future.

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