

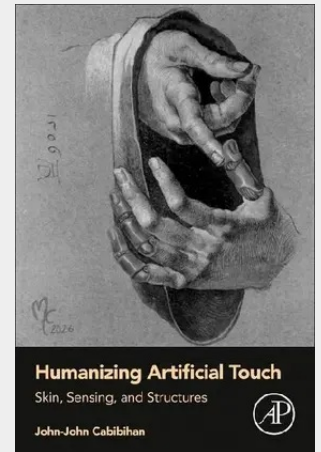
Humanizing Artificial Touch

Skin, Sensing, and Structures

Humanizing Artificial Touch: Skin, Sensing, and Structures contains recent advances in artificial skin modelling and robotic tactile sensing technologies, integrating these in the structure of an artificial hand mimicking its important features. This book will give special treatment to the relationship between the artificial skin material and embedded tactile sensors, describing how artificial skin and embedded sensors can be designed and constructed using 3D printing technologies with case examples on how these were created for amputees achieve a more a natural and rich human-robot tactile interaction. This book is oriented towards students, researchers, and clinical practitioners who are working in the design and construction of artificial hands for prosthetics and social robotics.

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