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Sommario/riassunto

Household Service Robotics is a collection of the latest technological advances in household service robotics in five main areas: robot systems, manipulation, navigation, object recognition, and human-robot interaction. The book enables readers to understand developments and apply them to their own working areas, including: Robotic technologies for assisted living and elderly careDomestic cleaning automationHousehold surveillanceGuiding systems for public spaces Service robotics is a highly multidisciplinary field, requiring a holistic approach. This handbook provides insights to the disc