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Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	part I. Introduction, key technologies and significant areas of development -- part II. Robotics and automation in particular unit operations and industry sectors.
Sommario/riassunto	The implementation of robotics and automation in the food sector offers great potential for improved safety, quality and profitability by optimising process monitoring and control. Robotics and automation in the food industry provides a comprehensive overview of current and emerging technologies and their applications in different industry sectors. Part one introduces key technologies and significant areas of development, including automatic process control and robotics in the food industry, sensors for automated quality and safety control, and the development of machine vision systems.