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Sommario/riassunto	The proceeding of FRSE presents a collection of innovation research in the cutting edge fields of robotics and software engineering. It is highlighted within that there are novel methodologies, critical analyses, and breakthrough results which emphasize the enhanced or amplified results achieved when robotics technologies are integrated with advanced software. This book is outfitted with numerous diagrams, tables, and conceptual frameworks, structured to enhance comprehension and accessibility, that facilitate a deeper understanding of complex topics. The presentation is not just theoretical but includes case studies and real-world applications, offering a practical approach to complex problem-solving techniques across related industries. Readers will receive benefits from this comprehensive resource, gain a renew understanding of contemporary challenges and innovative solutions in robotics and software engineering. And this book will be a guide and asset for research scholars and professionals in robotics and

software engineering looking to apply these these cutting-edge technologies in impactful ways.

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