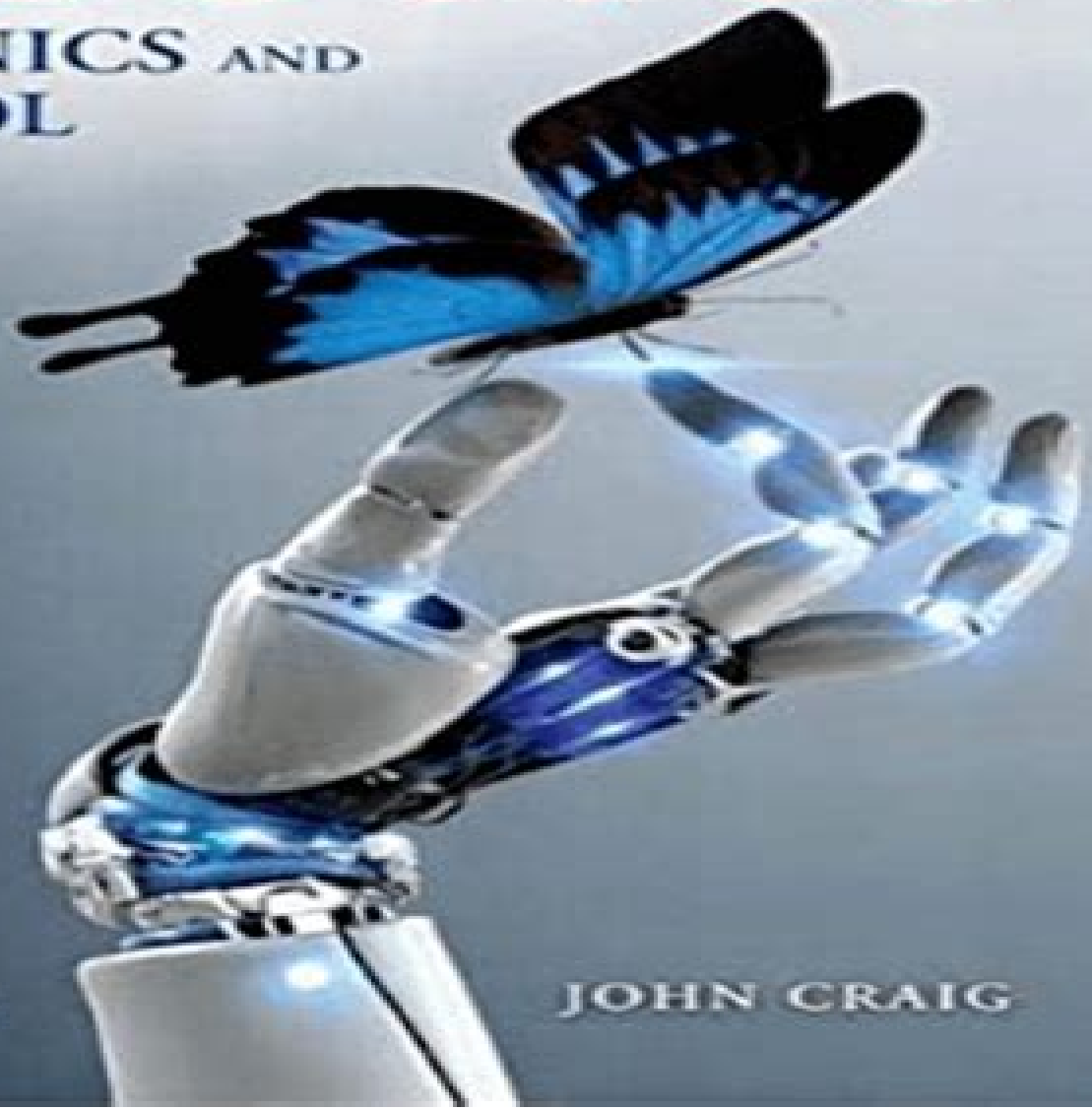


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Python Business Models of the Future Rim El Khoury,2026-01-01 This book provides a comprehensive guide to how digital disruption is fundamentally reshaping existing business models across industries With the pervasive impact of technologies like AI IoT analytics and blockchain it has become crucial for organizations to transform digitally to survive and thrive The book begins by establishing an understanding of key drivers like mobility big data and cloud computing that are enabling new digital business paradigms It then analyzes challenges as well as opportunities presented to companies in this climate of rapid change Readers are equipped to assess their organization s position through frameworks examining data driven strategies and what adaptive customer centric organizational structures most digital enterprises share How agile practices and a culture of experimentation can smooth large scale digital evolutions is also revealed Practical guidance is offered on navigating common obstacles to transformation like legacy infrastructure constraints or privacy regulation compliance Ultimately this comprehensive resource empowers professionals across functions with holistic insights and actionable best practices to strategically lead their enterprises through ongoing digital upheaval and capitalize on new opportunities For any seeking to drive innovation amid today s climate of disruption it presents an indispensable roadmap

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Biomedical Engineering Systems and Technologies Ana Fred,Hugo Gamboa,2017-03-03 This book constitutes the thoroughly refereed post conference proceedings of the 9th International Joint Conference on Biomedical Engineering Systems and Technologies BIOSTEC 2016 held in Rome Italy in February 2016 The 22 revised full papers presented were carefully reviewed and selected from a total of 321 submissions The papers are organized in topical sections on biomedical electronics and devices bioimaging bioinformatics models methods and algorithms bio inspired systems and signal processing health informatics *Modern Robotics* Kevin M. Lynch, Frank C. Park,2017-05-25 This introduction to robotics offers a distinct and unified perspective of the mechanics planning and control of robots Ideal for self learning or for courses as it assumes only freshman level physics ordinary differential equations linear algebra and a little bit of computing background Modern Robotics presents the state of the art screw theoretic techniques capturing the most salient physical features of a robot in an intuitive geometrical way With numerous exercises at the end of each chapter accompanying software written to reinforce the concepts in the book and video lectures aimed at changing the classroom experience this is the go to textbook

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