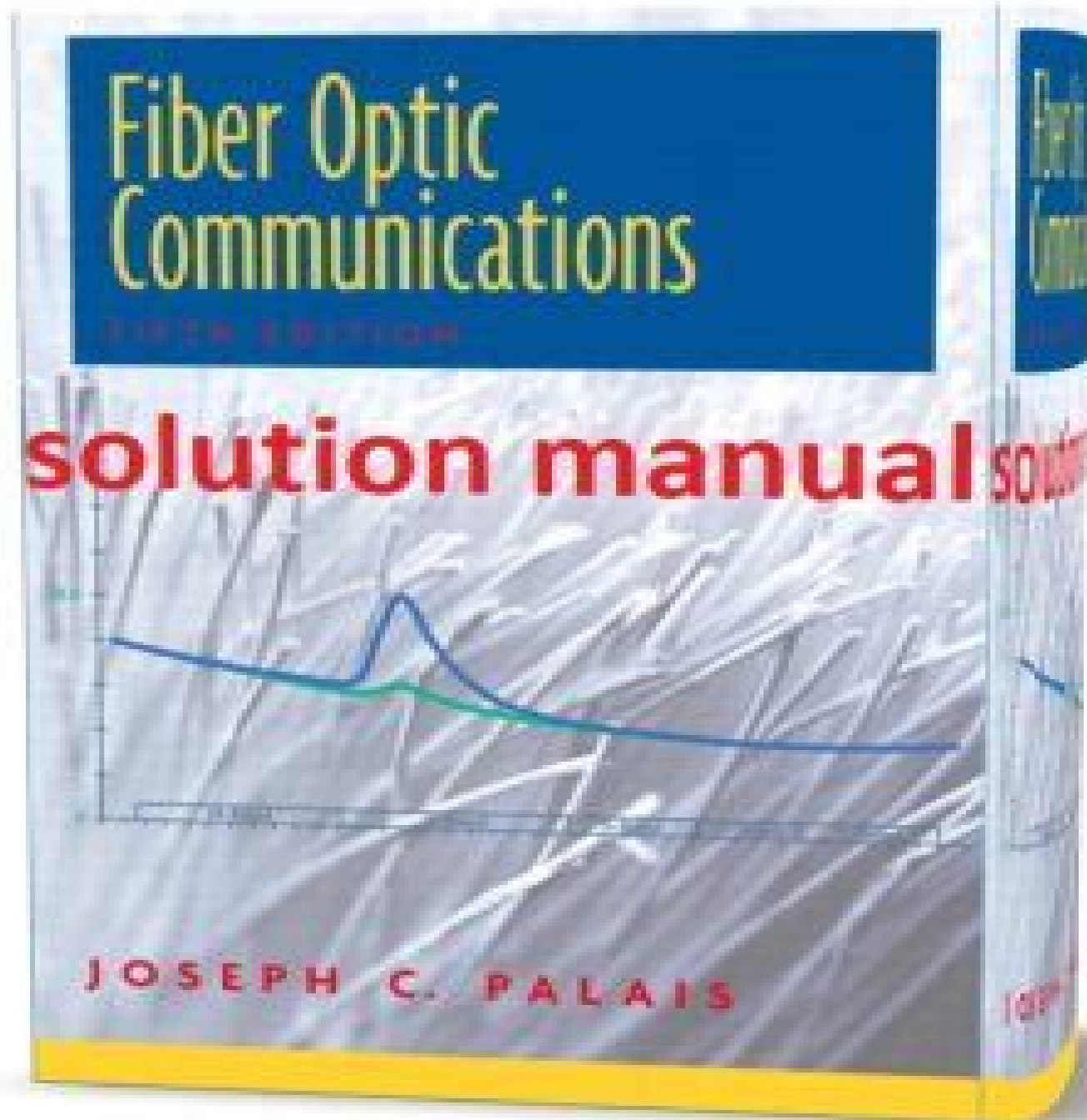


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Data-Driven Mining, Learning and Analytics for Secured Smart Cities Chinmay Chakraborty, Jerry Chun-Wei Lin, Mamoun Alazab, 2021-04-28 This book provides information on data driven infrastructure design analytical approaches and technological solutions with case studies for smart cities This book aims to attract works on multidisciplinary research spanning across the computer science and engineering environmental studies services urban planning and development social sciences and industrial engineering on technologies case studies novel approaches and visionary ideas related to data driven innovative solutions and big data powered applications to cope with the real world challenges for building smart cities

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examples numerous end of chapter problems and PPT notes Fifty three MATLAB computer programs for computations graphical visualizations and animations Nearly 4 500 multicolor PowerPoint slides are available for self study or lecture use

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Industry 4.0 Ron Legarski,Steve Sramek,Bryan Clement,2024-09-11 In the era of Industry 4 0 where digital transformation drives innovation and efficiency the need for secure scalable and innovative telecommunications solutions has never been more critical This book offers an in depth exploration of the technologies and services that form the backbone of modern business connectivity Developed in collaboration with SolveForce a leader in telecommunications and IT services this guide covers everything from high speed internet and cloud services to Everything as a Service XaaS and the Internet of Everything IoE Discover how businesses whether small medium or enterprise level can leverage cutting edge technologies like AI dark fiber vSIM Virtual SIM Unified Communications as a Service UCaaS and SD WAN to optimize operations streamline communications and enhance cybersecurity The book also explores the real world applications of these solutions through insightful case studies While some case studies may be hypothetical the technologies and strategies are grounded in reality highlighting how SolveForce and their trusted partners are already deploying these solutions today to drive success across industries As Industry 4 0 transforms manufacturing supply chains and business operations this book serves as a valuable resource for business leaders IT professionals and decision makers who need to stay ahead in this rapidly evolving landscape Learn how cybersecurity telecom expense management TEM and cloud migration can revolutionize your

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