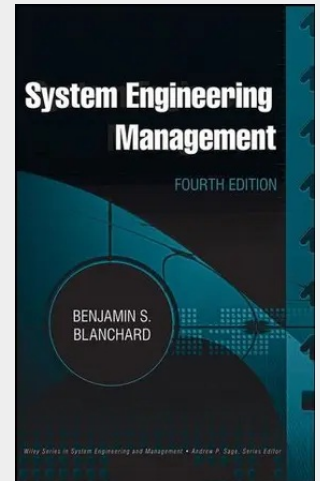


System Engineering Management

Technology/Engineering/General A top-down, step-by-step, life-cycle approach to systems engineering In today's environment, there is an ever-increasing need to develop and produce systems that are robust, reliable, high quality, supportable, cost-effective, and responsive to the needs of the customer or user. Reflecting these worldwide trends, System Engineering Management, Fourth Edition introduces readers to the full range of system engineering concepts, tools, and techniques, emphasizing the application of principles and concepts of system engineering and the way these principles aid in the development, utilization, and support of systems. Viewing systems engineering from both a technical and a management perspective, this fully revised and updated edition extends its coverage to include: * The changing areas of system requirements * Increasing system complexities * Extended system life cycles versus shorter technology cycles * Higher costs and greater international competition * The interrelationship of project management and systems engineering as they work together at the project team level Supported by numerous, real-life case studies, this new edition of the classic resource demonstrates--step by step--a comprehensive, top-down, life-cycle approach that system engineers can follow to reduce costs, streamline the design and development process, improve reliability, and win customers.

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