Information Technology, Project Management & Organizational Efficiency

David H. Gilmore and Charles A. Carter

This book provides a comprehensive overview of earned value management (EVM) and its application in project management. It covers the fundamentals of EVM, including its history, theoretical foundations, and practical implementation. The authors explain how EVM can be used to improve project performance, reduce cost overruns, and enhance decision-making capabilities. The book is designed for project managers, engineers, and decision-makers who want to understand and apply EVM in their projects.

For the first time, their true potential.

The book starts with a discussion on the nature of Information Technology and its role in supporting project management. It highlights the increasing importance of project-based work in the digital world. The discussion on the role of Information Technology in project management is important as it forms the foundation of the book.

The book then delves into the fundamentals of EVM, explaining its key concepts and principles. It introduces the Earned Value Technique (EVT) and its application in project management. The authors discuss the advantages and limitations of EVM, and provide real-world examples to illustrate its practical use.

The book also includes a detailed explanation of the EVM formulas and how they can be applied to different types of projects. It provides guidance on how to use EVM to manage project scope, costs, and time effectively. The authors emphasize the importance of continuous improvement and the need for effective communication and teamwork in project management.

In conclusion, the book is a valuable resource for project managers, engineers, and decision-makers who want to improve their project management skills. It is well-structured, easy to read, and packed with practical examples and case studies. The authors also provide additional resources such as a website and a workbook to support readers in their learning journey.

Earned Value Project Management

Fleming and Koppelman

Earned Value Project Management is a project management technique that is emerging as a valuable tool in the management of all projects, including software projects. It is the most popular book on earned value management, and it has been translated into many languages. The authors, Quentin Fleming and Joel Koppelman, have made some important additions. In many cases, there will be no changes to the main text. But in other sections, the authors have made substantial revisions to what they had described in the first edition. Fleming and Koppelman's goal remains the same: to write the definitive text on project management's most fundamental subject. By application to all projects, at all levels, the authors believe that the principles outlined in this book will be as applicable to large projects as they will be to small projects. The authors have also updated the book to reflect the state of the art in project management today. They have included new chapters on earned value management in software projects, and they have revised and updated the book to reflect the latest developments in project management.

The book is designed for project managers, engineers, and decision-makers who want to understand and apply earned value management in their projects. It is well-structured, easy to read, and packed with practical examples and case studies. The authors also provide additional resources such as a website and a workbook to support readers in their learning journey.

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