

Springer

1st
edition

2003, XXVI, 382 p.

Printed book

Hardcover

Printed book

Hardcover

ISBN 978-3-540-00370-0

\$ 169,99

Available

Discount group

Professional Books (2)

Product category

Monograph

Other renditions

Softcover

ISBN 978-3-642-05573-7

Softcover

ISBN 978-3-662-05130-6

Computer Science : Software Engineering

Aurum, A., Jeffery, R., Wohlin, C., Handzic, M. (Eds.)

Managing Software Engineering Knowledge

- **Interdisciplinary approach how to apply knowledge management techniques and frameworks to software engineering**
- **Only book with focus on software process, product and team improvement by knowledge management techniques**
- **Industry proven examples how knowledge management techniques helped in software development**

Software development is a complex problem-solving activity with a high level of uncertainty. There are many technical challenges concerning scheduling, cost estimation, reliability, performance, etc, which are further aggravated by weaknesses such as changing requirements, team dynamics, and high staff turnover. Thus the management of knowledge and experience is a key means of systematic software development and process improvement. "Managing Software Engineering Knowledge" illustrates several theoretical examples of this vision and solutions applied to industrial practice. It is structured in four parts addressing the motives for knowledge management, the concepts and models used in knowledge management for software engineering, their application to software engineering, and practical guidelines for managing software engineering knowledge. This book provides a comprehensive overview of the state of the art and best practice in knowledge management applied to software engineering. While researchers and graduate students will benefit from the interdisciplinary approach leading to basic frameworks and methodologies, professional software developers and project managers will also profit from industrial experience reports and practical guidelines.

Order online at [springer.com/booksellers](https://www.springer.com/booksellers)**Springer Nature Customer Service Center LLC**

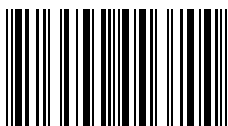
233 Spring Street

New York, NY 10013

USA

T: +1-800-SPRINGER NATURE

(777-4643) or 212-460-1500

customerservice@springernature.com

ISBN 978-3-540-00370-0 / BIC: UMZ / SPRINGER NATURE: SCI14029

Prices and other details are subject to change without notice. All errors and omissions excepted. Americas: Tax will be added where applicable. Canadian residents please add PST, QST or GST. Please add \$5.00 for shipping one book and \$ 1.00 for each additional book. Outside the US and Canada add \$ 10.00 for first book, \$5.00 for each additional book. If an order cannot be fulfilled within 90 days, payment will be refunded upon request. Prices are payable in US currency or its equivalent.