



Jeremy Dick, Elizabeth Hull, Ken Jackson

# Requirements Engineering

- Written from a Systems Engineering perspective, not just software engineering, meaning that this is full of examples drawn from domains such as rail, aerospace, defence and automobile
- Presents the most thorough treatment of traceability, including the important concept of "rich traceability", of any book on the subject
- Chapters cover principles, process, modelling, management, tool support and other topics
- Includes new tool descriptions
- Written by academics and practitioners of Requirements Engineering for students and qualified engineers

Updated with new developments, ideas and thinking, as well as new tool descriptions, the fourth edition of this popular book is driven by practical experience from industry. It provides invaluable information on how to write and structure requirements, whilst explaining the importance of Systems Engineering and the creation of effective solutions to problems. This edition contains an expanded discussion of "design agnosticism" as an important principle in Requirements Engineering, and new insights regarding the validation and verification process in the context of the Systems Engineering "V" model. Further new elements include a discussion of SysML in the chapter on modelling techniques, and the use of SysML diagrams to present the generic process. Readers will also discover the latest thinking on requirements flow-down and rich traceability and an update to the chapter on tools to present DOORS Next Generation. Requirements Engineering is written by practitioners for practitioners and students who want to develop their knowledge of the subject area.

4th ed. 2017, XX, 239 p. 161 illus.

## Printed book

Hardcover

64,99 € | £54.99 | \$79.99

<sup>[1]</sup>69,54 € (D) | 71,49 € (A) | CHF

77,00

Softcover

46,99 € | £39.99 | \$59.99

<sup>[1]</sup>50,28 € (D) | 51,69 € (A) | CHF

55,50

## eBook

39,58 € | £31.99 | \$44.99

<sup>[2]</sup>39,58 € (D) | 39,58 € (A) | CHF

44,00

Available from your library or  
[springer.com/shop](http://springer.com/shop)

## MyCopy <sup>[3]</sup>

Printed eBook for just

€ | \$ 24.99

[springer.com/mycopy](http://springer.com/mycopy)

Order online at [springer.com](http://springer.com) / or for the Americas call (toll free) 1-800-SPRINGER / or email us at: [customerservice@springernature.com](mailto:customerservice@springernature.com). / For outside the Americas call +49 (0) 6221-345-4301 / or email us at: [customerservice@springernature.com](mailto:customerservice@springernature.com).

The first € price and the £ and \$ price are net prices, subject to local VAT. Prices indicated with [1] include VAT for books; the €(D) includes 7% for Germany, the €(A) includes 10% for Austria. Prices indicated with [2] include VAT for electronic products; 19% for Germany, 20% for Austria. All prices exclusive of carriage charges. Prices and other details are subject to change without notice. All errors and omissions excepted. [3] No discount for MyCopy.

