



Victoria L. Rubin

Misinformation and Disinformation

Detecting Fakes with the Eye and AI

- Examines how artificial intelligence (AI) and psychology can aid in detecting mis-/disinformation and the language of deceit in digital media content
- Suggests practical computational means to intervene and curtail the global 'infodemic' of fake news
- Presents how AI can sift, sort, and shuffle digital content, to reduce the amount of content needed to be reviewed by humans

This book, geared towards both students and professionals, examines the synthesis of artificial intelligence (AI) and psychology in detecting mis-/disinformation in digital media content, and suggests practical means to intervene and curtail this current global 'infodemic'. This interdisciplinary book explores technological, psychological, philosophical, and linguistic insights into the nature of truth and deception, trust and credibility, cognitive biases and logical fallacies and how, through AI and human intervention, content users can be alerted to the presence of deception. The author investigates how AI can mimic the procedures and know-hows of humans, showing how AI can help spot fakes and how AI tools can work to debunk rumors and fact-check. The book describes how AI detection systems work and how they fit with broader societal and individual concerns. Each chapter focuses attention on key concepts and their inter-connection. The first part of the book seeks theoretical footing to understand our interactions with new information and reviews relevant empirical findings in behavioral sciences. The second part is about applied knowledge.

Edition No: 1

2022. XX, 289 p. 50 illus., 34 illus. in color.

Printed Book

Hard cover

[ISBN 978-3-030-95655-4](#)

64.99 € | £ 54.99 | \$ 79.99

69.54 € (D) | 71.49 € (A) | CHF 77.00

eBook

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49.99 € | £ 43.99 |

53.49 € (D) | CHF 61.50

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£ 39.99 |

39.99 € (D) | 39.99 € (A) | CHF 39.99

Soft cover

[ISBN 978-3-030-95658-5](#)

49.99 € | £ 44.99 |

53.49 € (D) | 54.99 € (A) | CHF 59.00



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