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Nota di contenuto	Acknowledgements -- Foreword -- Introduction: brave new world / Karin van Es and Mirko Tobias Schafer. Section 1 : Studying culture through data : Humanistic data research: an encounter between epistemic traditions / Eef Masson -- Towards a "humanistic cinematics?" / Christian Gosvig Olesen -- Cultural analytics, social computing and digital humanities / Lev Manovich -- Case study: on Broadway / Daniel Goddemeyer, Moritz Stefaner, Dominikus Baur and Lev Manovich -- Foundations of digital methods: query design / Richard Rogers -- Case study: webs and streams - mapping issue networks using hyperlinks, hashtags and (potentially) embedded content / Natalia Sanchez-Querubin. Section 2 Data practices in digital data analysis : Digital methods: from challenges to bildung / Bernhard Rieder and Theo Rohle -- Data, culture and the ambivalence of algorithms / William Uricchio -- Unknowing algorithms: on transparency of unopenable black boxes / Johannes Passmann and Asher Boersma -- Social data APIs: origin, types, issues / Cornelius Puschmann and Julian Ausserhofer -- How to tell stories with networks:

exploring the narrative affordances of graphs with the Iliad / Tommaso Venturini, Liliana Bounegru, Mathieu Jacomy and Jonathan Gray -- Towards and reflexive digital data analysis / Karin va Es, Nicolas Lopez Coombs and Thomas Boeschoten. Section 3 Research ethics : Get your hands dirty: emerging data practices as challenge for research integrity / Gerwin van Schie, Irene Westra and Mirko Tobias Schafer -- Research ethics in context: decision-making in digital research / Annette Markham and Elizabeth Buchanan -- Datafication and discrimination / Koen Leurs and Tamara Shepherd. Section 4 Key ideas in big data research : The myth of big data / Nick Couldry -- Data point critique / Carolin Gerlitz -- Opposing the exceptionalism of the algorithm / Evgeny Morozov -- The need for a dialogue with technology / Mercedes Bunz. Tools -- Notes on contributors -- Index.

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## Sommario/riassunto

As machine-readable data comes to play an increasingly important role in everyday life, researchers find themselves with rich resources for studying society. The novel methods and tools needed to work with such data require not only new knowledge and skills, but also a new way of thinking about best research practices. This book critically reflects on the role and usefulness of big data, challenging overly optimistic expectations about what such information can reveal, introducing practices and methods for its analysis and visualisation, and raising important political and ethical questions regarding its collection, handling, and presentation.

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