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Nota di contenuto	Cover; Table of Contents; Acknowledgements; Neighborhood Technologies: An Introduction / Sebastian Vehlken, Tobias Harks; I. NEIGHBORHOOD EPISTEMOLOGIES; Neighborhoods in Mathematical Optimization and Algorithmic Game Theory / Martin Hoefer, Tobias Harks; Ghetto Blasts: Media Histories of Neighborhood Technologies between Segregation, Cooperation, and Craziiness / Sebastian Vehlken; Neighborhoods in Traffic: How Computer Science Can Change the Laws of Physics / Sandor P. Fekete; II. NEIGHBORHOD ARCHITECTURES; Neighborhood Design: Buckminster Fuller's Planning Tools and the City / Christina Vagt Digitally-Driven Design and Architecture / Henriette BierIII. NEIGHBORHOOD SOCIETIES; Economics 2.0: The Natural Step towards a Self-Regulating, Participatory Market Society / Dirk Helbing; Neighborhoods and Social Security: An Agent-based Experiment on the Emergence of Common Goods / Manfred Fullsack; Towards a Media History of the Credit Card / Sebastian Giessmann; IV. NEIGHBORHOOD ACTIVITIES; Neighborhood Sounding: An Archaeology of Dynamic Media Networks 1960-1980 2010 / Shintaro Miyazaki Digital Swarming and Affective Infrastructures: A New Materialist

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Sommario/riassunto

Neighborhood Technologies expands upon sociologist Thomas Schelling's well-known study of segregation in major American cities, using this classic work as the basis for a new way of researching social networks across many different disciplines. Up to now, research has focused on macro-level behaviors that, together, form rigid systems of neighborhood relations. But can neighborhoods conversely affect larger, global dynamics? What relationships can be found between micro- and macro- perspectives? To answer these and related questions, this volume introduces the concept of "neighborhood technology"