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Nota di contenuto	; 1. Theory and history, questions and methodology: Issues in research into information technology in education -- ; Part 1. Research directions: Reviewing the history and looking forward -- ; 2. The changing nature of researching information technology in education / Margaret Cox -- ; 3. Technology as Trojan horse: a 'generation' of information technology practice, policy and research in schools / Vince Ham -- ; 4. Views of learning, assessment and the potential place of information technology / Deirdre Cook -- ; 5. Setting a new course for research on information technology in education / Robert K. Munro -- ; 6. Why what works' is not enough for information technology in education research / Geoff Romeo and Glenn Russell -- ; 7. From integration to transformation / Andrew E. Fluck -- ; 8. Research perspectives on information technology and the learning of mathematics / Anna Kristjánsdóttir -- ; 9. The enjoyment of learning in

digital environments / Franznica Spring-Igeler --

; Part 2. Theoretical underpinnings to inform research design -- ; 10. Models for exploring and characterising pedagogy with information technology / Mary Webb -- ; 11. Analysing the impact of information technology on activity and learning / Steve Kennewell -- ; 12. Transformative application of research and learning praxis in education: trends in information technology integration / Paul T. Nleya -- ; 13. The practical power of theoretically informed research into innovation / Bridget Somekh -- ; 14. Global interdisciplinary research into the diffusion of information technology innovations in education / Niki Davis --

; Part 3. Methodological approaches and applications -- ; 15. Educational information technology research methodology: looking back and moving forward / Peter Twining -- ; 16. Looking in classrooms: researching school use of information technology for teaching and learning / Anthony Jones -- ; 17. A cross-experiment methodology for networking research teams / Rosa Maria Bottino and Michele Cerulli -- ; 18. Methods for investigating young children's learning and development with information technology / Kleopatra Nikolopoulou -- ; 19. Visualisation, multimodality and learning with information technology / John Vincent, Anne Mcdougall and Herminia Azinian -- ; 20. Research in the field of intelligent computer-aided assessment / Christine Bescherer, Christian Spannagel, Ulrich Kortenkamp and Wolfgang Müller -- ; 21. Information technology learning aids for informatics / Sigrid Schubert, Peer Stechert and Stefan Freischland -- Index.

Sommario/riassunto	Serious criticisms of research on IT in education have been published recently in both the UK and the USA. Researching IT in Education aims to provoke thought and discussion among practising researchers by considering a range of approaches to undertaking quality research. Establishing priorities and directions for future research in the sub-discipline of IT in education, the book is structured around five foci: theory history research directions methodology research topics. This book argues