1. Record Nr. UNINA9910456818003321 Autore Schotch Peter Titolo On preserving: essays on preservationism and paraconsistent logic / / edited by Peter Schotch, Bryson Brown, and Raymond Jennings Pubbl/distr/stampa Toronto, [Ontario];; Buffalo, [New York];; London, [England]:,: University of Toronto Press, , 2009 ©2009 **ISBN** 1-4426-8874-2 Descrizione fisica 1 online resource (214 p.) Toronto Studies in Philosophy Collana 160 Disciplina Soggetti Inconsistency (Logic) Logic Electronic books. Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Nota di bibliografia Includes bibliographical references and index. Nota di contenuto Frontmatter -- Contents -- Acknowledgments -- 1. Introduction to the Essays / Schotch, Peter -- 2. Paraconsistency: Who Needs It? / Jennings, Ray / Schotch, Peter -- 3. Weakly Additive Algebras and a Completeness Problem / Urguhart, Alasdair -- 4. A Dualization of Neighbourhood Structures / Nicholson, Dorian -- 5. Polyadic Modal Logics and Their Monadic Fragments / Leung, Kam Sing / Jennings, R.E. -- 6. Preserving What? / Payette, Gillman / Schotch, Peter -- 7. Preserving Logical Structure / Payette, Gillman -- 8. Representation of Forcing / Nicholson, Dorian / Brown, Bryson -- 9. Forcing and Practical Inference / Schotch, Peter -- 10. Ambiguity Games and Preserving Ambiguity Measures / Brown, Bryson -- Nomenclature -- References -- Index -- Contributors Sommario/riassunto Paraconsistent logic is a theory of reasoning in philosophy that studies inconsistent data. The discipline has several different schools of thought, including preservationism, which responds to the problems that arise when human beings continue to reason when faced with inconsistent data. On Preserving is the first complete account of the

Preservationist School, which developed in Canada out of the early work of Raymond Jennings, Peter Schotch, and their students. Assembling the previously scattered works of the Preservationist School, this

collection contains all of the most significant works on the basic theory of the preservationist approach to paraconsistent logic. With essays both written and rewritten specifically for this volume, the contributors cover topics that include the motivation for the preservationist approach, as well as more technical results of their research. Concise and unified, On Preserving is the ideal introduction to a distinct philosophical field.