

1. Record Nr.	UNINA9910484008403321
Titolo	Krister Segerberg on Logic of Actions [[electronic resource] /] / edited by Robert Trypuz
Pubbl/distr/stampa	Dordrecht : , : Springer Netherlands : , : Imprint : Springer, , 2014
ISBN	94-007-7046-4
Edizione	[1st ed. 2014.]
Descrizione fisica	1 online resource (355 p.)
Collana	Outstanding Contributions to Logic, , 2211-2758 ; ; 1
Disciplina	005.1015113
Soggetti	Logic Computer logic Philosophy of mind Logics and Meanings of Programs Philosophy of Mind
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references.
Nota di contenuto	Introduction; Robert Trypuz -- PART I -- 1. "Krister Segerberg's Philosophy of Action"; Richmond Thomason -- 2. "The concept of a routine in Segerberg's philosophy of action"; Dag Elgesem -- 3. "On the Reconciliation of Logics of Agency and Logics of Event Types"; Jan Broersen -- 4. "Three traditions in the logic of action: bringing them together"; Andreas Herzig, Tiago de Lima, Emiliano Lorini, and Nicolas Troquard -- 5. "Deontic Logics based on Boolean Algebra"; Pablo Castro and Piotr Kulicki -- 6. "Dynamic Deontic Logic, Segerberg-Style"; John-Jules Meyer -- PART II -- 7. "Contraction, Revision, Expansion - Representing Belief Change Operations"; Sven Ove Hansson -- 8. "Segerberg on the Paradoxes of Introspective Belief Change"; Erik J Olsson and Sebastian Enqvist -- 9. "Equivalent Beliefs in Dynamic Doxastic Logic"; Robert Goldblatt -- 10. "On revocable and irrevocable belief revision"; Hans van Ditmarsch -- 11. "Actions, belief update, and DDL"; Jérôme Lang -- 12. "DDL as an "Internalization" of Dynamic Belief Revision"; Alexandru Baltag, Virginie Fiutek, and Sonja Smets -- 13. "Two logical faces of belief revision"; Johan van Benthem.
Sommario/riassunto	This volume describes and analyzes in a systematic way the great contributions of the philosopher Krister Segerberg to the study of real

and doxastic actions. Following an introduction which functions as a roadmap to Segerberg's works on actions, the first part of the book covers relations between actions, intentions and routines, dynamic logic as a theory of action, agency, and deontic logics built upon the logics of actions. The second section explores belief revision and update, iterated and irrevocable beliefs change, dynamic doxastic logic and hypertheories. Segerberg has worked for more than thirty years to analyze the intricacies of real and doxastic actions using formal tools - mostly modal (dynamic) logic and its semantics. He has had such a significant impact on modal logic that "It is hard to roam for long in modal logic without finding Krister Segerberg's traces," as Johan van Benthem notes in his chapter of this book.
