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Nota di bibliografia	Includes bibliographical references and indexes.
Nota di contenuto	Front matter -- Signs, search and communication: Towards an empirical future for semiotics / JORNA, R.J. / HEUSDEN, B. VAN -- I. SIGNS AND REPRESENTATIONS -- Semiosis, cognition, interpretation / PELC, J. -- A triadic theory of perception / SANTAELLA BRAGA, L. -- Systems of logical representation and inference: An empiricist approach to cognitive science / BARTH, E.M. -- Semiotic primitives and conceptual representation of knowledge / MEUNIER, J.G. -- Semiotic aspects of neurally based representation of knowledge / PESCHL, M.F. -- II. ABDUCTION AND REASONING IN EXPERT SYSTEMS -- Human-like reasoning under uncertainty in expert systems / VAN DER LUBBE, J.C.A. / BACKER, . -- Abduction: The creative process / MAROSTICA, A.H. -- Expert systems and the abductive circle / LUGER, G. / STERN, C. -- Can machines compensate for biased human reasoning? Case studies in medical decision making / SILVERMAN, B.G. -- Procrustes, or the future

of flexibility / VISSER, H. -- III. COMMUNICATION WITH EXPERT SYSTEMS -- Believing, causing, intending: The basis for a hierarchy of sign concepts in the reconstruction of communication / POSNER, R. -- On knowledge representing interacting systems / MÜLLER, A. -- Implementing a sense of time in intelligent systems / MICHON, J . A . -- Towards an evaluation tool for Natural Language Interfaces / VOGELENZANG, Y. / DE VUYST, J. -- The linguistic analysis of expert texts / RASTIER, F. -- Cooperative human-machine reasoning: Communication through the user interface / CHIGNELL, M.H. -- Name index -- Subject index -- Addresses of the authors -- Back matter