

1. Record Nr.	UNISA996466140703316
Titolo	Logic Programming and Nonmonotonic Reasoning [[electronic resource]] : Third International Conference, LPNMR '95, Lexington, KY, USA, June 26 - 28, 1995. Proceedings / / edited by V. Wiktor Marek, Anil Nerode, Miroslaw Truscynski
Pubbl/distr/stampa	Berlin, Heidelberg : , : Springer Berlin Heidelberg : , : Imprint : Springer, , 1995
ISBN	3-540-49282-8
Edizione	[1st ed. 1995.]
Descrizione fisica	1 online resource (IX, 415 p.)
Collana	Lecture Notes in Artificial Intelligence ; ; 928
Disciplina	005.1/1
Soggetti	Mathematical logic Computer logic Computer programming Artificial intelligence Mathematical Logic and Foundations Logics and Meanings of Programs Programming Techniques Artificial Intelligence Mathematical Logic and Formal Languages
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Bibliographic Level Mode of Issuance: Monograph
Nota di contenuto	Complexity results for abductive logic programming -- A terminological interpretation of (abductive) logic programming -- Abduction over 3-valued extended logic programs -- On logical constraints in logic programming -- An operator for composing deductive data bases with theories of constraints -- Update rules in datalog programs -- Characterizations of the stable semantics by partial evaluation -- Game characterizations of logic program properties -- Computing the well-founded semantics faster -- Loop checking and the well-founded semantics -- Annotated revision specification programs -- Update by means of inference rules -- A sphere world semantics for default reasoning -- Revision by communication -- Hypothetical updates, priority and inconsistency in a

logic programming language -- Situation calculus specifications for event calculus logic programs -- On the extension of logic programming with negation through uniform proofs -- Default consequence relations as a logical framework for logic programs -- Skeptical rational extensions -- Reasoning with stratified default theories -- Incremental methods for optimizing partial instantiation -- A transformation of propositional Prolog programs into classical logic -- Nonmonotonic inheritance, argumentation and logic programming -- An abductive framework for extended logic programming -- Embedding circumscriptive theories in general disjunctive programs -- Stable classes and operator pairs for disjunctive programs -- Nonmonotonicity and answer set inference -- Trans-epistemic semantics for logic programs -- Computing the acceptability semantics.

Sommario/riassunto

This volume contains the revised refereed papers accepted for presentation at the Third International Conference on Logic Programming and Nonmonotonic Reasoning, LPNMR '95, held in Lexington, KY, USA in June 1995 under the sponsorship of the Association for Logic Programming. The LPNMR conferences bring together researchers from logic programming and the logical foundations of artificial intelligence in order to facilitate cooperation and cross-fertilization of ideas. The 28 full papers presented define the state of the art in this interdisciplinary area of research, which has recently attracted much interest.

2. Record Nr.	UNINA9910482989003321
Titolo	African Values, Ethics, and Technology : Questions, Issues, and Approaches // edited by Beatrice Dedaa Okyere-Manu
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Palgrave Macmillan, , 2021
ISBN	9783030705503 3030705501
Edizione	[1st ed. 2021.]
Descrizione fisica	1 online resource (286 pages)
Disciplina	170.96 174.96
Soggetti	Technology - Philosophy Philosophy, African Bioethics Philosophy of Technology African Philosophy
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	1. Introduction: Charting an African Perspective of Technological Innovation -- Part I The Fourth Industrial Revolution and African Ethics -- 2. The Fourth Industrial Revolution (4IR) and Africa's Future: Reflections from African Ethics -- 3. Africa in the Fourth Industrial Revolution: A status quaestionis, from the cultural to the phenomenological -- Part II African Values, and Technology -- 4. African Reasons Why AI Should Not Maximize Utility -- 5. Values and Technological Development in an African Context -- 6. African Cultural Values, Practices and Modern Technology -- Part III Technology, African Ethics and Sexual Relations -- 7. Shifting Intimate Sexual Relations from Humans to Machines: An African Indigenous Ethical Perspective -- 8. The Death of Isintu in Contemporary Technological Era: The Ethics of Sex Robots Among the Ndebele of Matabo -- Part IV Technology, African Values and Human Relationship -- 9. The Importance of a Neo-African Communitarianism in Virtual Space: An Ethical Inquiry for the African Teenager -- 10. The Ambivalent Role of Technology on Human

Relationships: An Afrocentric Exploration -- 11. Interrogating Social Media Group Communication's Integrity: An African, Utilitarian Perspective -- Part V Bioethics, African Values and Technology -- 12. Bioethics and Technology: An African Ethical Perspective -- 13. The Use of Sex Selection Reproductive Technology in Traditional African Societies: An Ethical Evaluation and a Case for Its Adaptation -- 14. Assisted Reproductive Technologies and Indigenous Akan Ethics: A Critical Analysis -- Part VI African Religious Values and Technology -- 15. The Impact of Technologies on African Religions: A Theological Perspective -- 16. Technologization of Religion: The Unstoppable Revolution in the Zimbabwean Mainline Churches.

Sommario/riassunto

This book charts technological developments from an African ethical perspective. It explores the idea that while certain technologies have benefited Africans, the fact that these technologies were designed and produced in and for a different setting leads to conflicts with African ethical values. Written in a simple and engaging style, the authors apply an African ethical lens to themes such as: The Fourth Industrial Revolution, the moral status of technology, technology and sexual relations, and bioethics and technology. Beatrice Dedaa Okyere-Manu is Senior Lecturer in Applied Ethics in the School of Religion, Philosophy and Classics at the University of KwaZulu-Natal, South Africa, where she is also the Director of the Ethics Studies Department.
