

Ethical Principles For Socially Assistive Robotics

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Ethical Principles For Socially Assistive

Ethical Principles for Socially Assistive Robotics

discuss the core ethical principles to be examined Finally, we apply each principle to SAR in turn and discuss its implications Definition of Socially Assistive Robotics Socially Assistive Robotics (D Feil-Seifer & Matarić, 2005, 5) describes a class of robots that is the intersection of Assistive Robotics (robots that provide assistance to a

Autonomy and Dignity: Principles in Designing E ective ...

concepts are guiding ethical principles to occupational therapists These principles provide a client-centric perspective to e ective care that en-sures the well-being of the individual and maintaining a good quality of life The perspective of occupational therapists provides a valuable in-sight to designing socially assistive robots

Data-Driven Interaction Methods for Socially Assistive ...

Acknowledgements My PhD dissertation is far from an individual effort, it benefits from contributions both to the work and to me First, I would like to express my sincere gratitude to ...

Towards Spatial Methods for Socially Assistive Robotics ...

explore the therapeutic potential of socially assistive robots facilitated by the developed models, architecture, and experi-ment framework Over the course of this work, the ethical application of robotics has been a focus From how benchmarking [Feil-Seifer et al, 2007] and performance metrics

[Tsui et al,

Ethics in Evaluating a Sociotechnical Intervention With ...

Ethics in Evaluating a Sociotechnical Intervention With Socially Isolated Older Adults Jenny Waycott¹, Ameer Morgans², Sonja Pedell³, Elizabeth Ozanne⁴, Frank Vetere¹, Lars Kulik¹, and Hilary Davis¹ ¹Department of Computing and Information Systems, The University of Melbourne, Victoria, Australia ²Benetas Aged Care Services, Melbourne, Victoria, Australia

Antonio M. M. C. Espingardeiro - Institutional Repository

understand potential ethical issues in elderly care Further, there is little guidance for either developers or those involved in the provision of care, regarding the appropriate introduction of SARs In this research the current HRI benchmarks are reviewed alongside the core ethical principles of

Ethics and assistive technologies in dementia care

ethical outcome, thereby encouraging people to consider the broader context and respect other people rather than being preoccupied with their own interests (State of Victoria, 2006) Moral principles and the codes which spell out their applications can only be guidelines for thinking about the decisions individuals need to make in specific cases

Ethical Design of Intelligent Assistive Technologies for ...

the normative status of “justifiable benevolent deception” when using socially assistive robots (Marzanski 2000) and prototypes align or conflict with those ethical principles

Principles for fostering the transdisciplinary development ...

(2016) Principles for Fostering the Transdisciplinary Development of Assistive Technologies Disability and Rehabilitation: Assistive Technology, early online, 1-11 Publisher’s Statement This is an Accepted Manuscript of an article published by Taylor & Francis in Disability and Rehabilitation:

Assistive Technology on 07 Apr

Ethical Guidance for Research with People with Disabilities

Ethical Guidance for Research with People with Disabilities advice on disability policy and practice, offers ethical guidance on research with people with disabilities ³ This guidance outlines the core values and central principles that should apply to all research involving people with disabilities The guidance illustrates, by means

1 Proceedings of the Workshop on Social Robots in Therapy ...

1 Proceedings of the Workshop on Social Robots in Therapy: Focusing on Autonomy and Ethical Challenges Abstract Robot-Assisted Therapy (RAT) has successfully been used in HRI research by including social robots in health-care inter-

Do Socially Assistive Robots Compromise our Moral ...

- Socially Assistive Robots use social mechanisms to foster the emotional attachment of their owners
- From a bioethical perspective such mechanisms can have a serious impact on the moral autonomy of a person
- Our research project investigates this ethical conflict using empirical long-term field trials Social Attachment & Product

Educational Robot for Children with ADHD/ADD,

C Ethical Principles for KAR Naturally, KAR system, as any technology, poses several ethical challenges during their design We consider ethical principles as a core issue of our system The most obvious risk of any assistive technology is the potential of physical harm KAR is ...

Robots in healthcare: a solution or a problem?

that will require validation and certification requirements as well as respect for a set of ethical principles – including specific principles developed for AI and robotics as well as classical ethical principles developed within medical practice Care and socially assistive robots

Journal of Medical Ethics

128 Ethics of socially assistive robots in aged-care settings: a Organ restitution in living-related kidney transplantation: ethical analyses E Nakazawa, K Yamamoto, A Akabayashi, M H Shaw, R A Demme, A Akabayashi Responses 151 Is the ‘serious’ factor in germline subscribes to the principles of the Committee on Publication Ethics

A Code of Ethics for the Human-Robot Interaction Profession

A Code of Ethics for the Human-Robot Interaction Profession 2 therefore, more important ethical challenges that confront ongoing, everyday, HRI work We also deliberately avoid for now challenges related to the development of ethics capabilities in robotic

Ethics in Hearing Health Care: Strategies for Ethical ...

Ethics in Hearing Health Care: Strategies for Ethical Solutions Presenter: Suzanne Lindsey-Henderson, MA not allowed to charge him for assistive listening devices Scenario 2 Ethical Principles Conflict is inevitable Ethical principles provide the

therapy and assistive technology leisure and independence ...

assistive technology home and community training and employment leisure and independence Page 2 By following the ethical principles outlined in this Code, we promote an environment that makes • engage in socially valued activities, including work, education,

Do Socially Assistive Robots Compromise our Moral ...

Do Socially Assistive Robots Compromise our Moral Autonomy? Andreas Huber, Lara Lammer, Marjo Rauhala and Markus Vincze ACIN Institute of Automation and Control Vienna University of Technology hubercognition@yahoo.com One of the driving forces behind current research and development of socially assistive robots (SARs) is the

Towards Morally Sensitive Action Selection for ...

Towards Morally Sensitive Action Selection for Autonomous Social Robots Matthias Scheutz 1 (eg, for socially assistive robots such as wheelchairs or therapy robots [3]) or even the sole goal (eg, for eldercare or companion robots autonomous social robots not only be aware of the ethical principles guiding human social interactions