

The Orphan Embryos A Case Study In Bioethics

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Foundations of in Vitro Fertilization - Christopher M. Fredericks 1987

Catholic Theological Ethics - Todd A. Salzman 2015-11-23

This book has two objectives, one explicit and one implicit. The explicit objective is to explore the normative implications for both general and sexual ethics of the methodological and anthropological developments in Catholic tradition. The implicit objective is to stimulate dialogue in the Church about ethics, particularly sexual ethics, a dialogue that must necessarily include all in the communion-Church, laity, theologians, and hierarchy. Since we believe that genuine and respectful dialogue about sexual morality is sorely needed to clarify Christian truth today, we intend this book to be part of that genuine dialogue.

New Clinical Issues in in Vitro Fertilization - 1985

Applied Ethics in a World Church - Linda Hogan 2008

Dealing with such issues as globalization, gender and AIDS, these essays by moral theologians demonstrate the creativity, dynamism and diversity of the Catholic moral tradition as it proceeds from local cultures, opens itself to cross-cultural conversations, and progresses in a spirit of mercy and care.

Ethical Issues in Biotechnology - Richard Sherlock 2002

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Exploring the Biological Contributions to Human Health - Institute of Medicine 2001-07-02

It's obvious why only men develop prostate cancer and why only women get ovarian cancer. But it is not obvious why women are more likely to recover language ability after a stroke than men or why women are more apt to develop autoimmune diseases such as lupus. Sex differences in health throughout the lifespan have been documented. Exploring the Biological Contributions to Human Health begins to snap the pieces of the puzzle into place so that this knowledge can be used to improve health for both sexes. From behavior and cognition to metabolism and response to chemicals and infectious organisms, this book explores the health impact of sex (being male or female, according to reproductive organs and chromosomes) and gender (one's sense of self as male or female in society). Exploring the Biological Contributions to Human Health discusses basic biochemical differences in the cells of males and females and health variability between the sexes from conception throughout life. The book identifies key research needs and opportunities and addresses barriers to research. Exploring the Biological Contributions to Human Health will be important to health policy makers, basic, applied, and clinical researchers, educators, providers,

and journalists-while being very accessible to interested lay readers.

Sexual Ethics - Todd A. Salzman 2012-05-18

Two principles capture the essence of the Catholic tradition on sexual ethics: that each and every marriage act must remain open to the transmission of life, and that any human genital act must occur within the framework of marriage. In the Catholic tradition, moral sexual activity is institutionalized within the confines of marriage and procreation, and sexual morality is marital morality. But theologians Todd Salzman and Michael Lawler contend that there is a disconnect between many of the Church's absolute sexual norms and other theological and intellectual developments explicitly recognized and endorsed in the Catholic tradition, especially since the Second Vatican Council. These developments include the shift from a primary static worldview to a historically conscious worldview, one that recognizes reality as dynamic, evolving, changing, and particular. By employing such a historically conscious worldview, alternative claims about the moral legitimacy of controversial topics such as contraception, artificial reproduction, and homosexual marriage can faithfully emerge within a Catholic context. Convinced of the central role that love, desire, and fertility play in a human life, and also in the life of Christian discipleship, the authors propose an understanding of sexuality that leads to the enhancement of human sexual relationships and flourishing. This comprehensive introduction to Catholic sexual ethics—complete with thought-provoking study questions at the end of each chapter—will be sure to stimulate dialogue about sexual morality between Catholic laity, theologians, and the hierarchy. Anyone seeking a credible and informed Catholic sexual ethic will welcome this potentially revolutionary book.

Ethics and Human Reproduction - Christine Overall 2012-10-11

In *Ethics and Human Reproduction*, Christine Overall blends feminist theory and philosophical expertise to provide a coherent analysis of a range of moral questions and social policy issues pertaining to human reproduction and the new reproductive technologies. Topics covered include: sex preselection, artificial insemination, prenatal diagnosis, abortion, in vitro fertilisation and embryo transfer, surrogate

motherhood, and childbirth. Throughout the book, the author examines the values and assumptions underlying common perceptions of sexuality and fertility, the status of the foetus, the value of children, the nature of parenting, and the roles of women. In so doing, she develops a feminist approach to answering questions about reproductive rights and freedoms, the value of a genetic link between mother and their offspring, the commodification of reproduction, and the effects of reproductive technologies on women and children. This book should be essential reading for anyone interested in the new reproductive technologies, biomedical ethics, and women's health.

Outside the Womb - Scott Rae 2011-01-01

The use of assisted reproductive technology (ART) is on the rise in our culture as an alternative for couples facing infertility issues and single women desiring to have children. Is it right - morally, ethically, biblically - to engage this new technology? Are there some aspects of ART that are more acceptable than others? *Outside the Womb: The Ethics of Reproductive Technologies* addresses the whole issue of "making life", providing valuable information, both theologically and scientifically, for Christian couples to reflect upon as they consider the various fertility treatments.

Orphans of the Sky - Robert A. Heinlein 2014-12-22

Hugh had been taught that, according to the ancient sacred writings, the Ship was on a voyage to faraway Centaurus. But he also understood this was actually allegory for a voyage to spiritual perfection. Indeed, how could the Ship move, since its miles and miles of metal corridors were all there was of creation? Science knew that the Ship was all the Universe, and as long as the sacred Converter was fed, the lights would continue to glow and the air would flow, and the Creator's Plan would be fulfilled. Of course, there were the muties, grotesquely deformed parodies of humans, who lurked in the upper reaches of the Ship where gravity was weaker. Were they evil incarnate, or merely a divine check on the population, keeping humanity from expanding past the capacity of the Ship to support? Then Hugh was captured by the muties and met their leader (or leaders), Joe-Jim, with two heads on one body. And he learned

the true nature of the Ship and its mission between the stars. But could he make his people believe him before it was too late? Could he make them believe that he must be allowed to fly the ship?

Stem Cells and the Future of Regenerative Medicine - Institute of Medicine 2002-01-25

Recent scientific breakthroughs, celebrity patient advocates, and conflicting religious beliefs have come together to bring the state of stem cell research—specifically embryonic stem cell research—into the political crosshairs. President Bush's watershed policy statement allows federal funding for embryonic stem cell research but only on a limited number of stem cell lines. Millions of Americans could be affected by the continuing political debate among policymakers and the public. *Stem Cells and the Future of Regenerative Medicine* provides a deeper exploration of the biological, ethical, and funding questions prompted by the therapeutic potential of undifferentiated human cells. In terms accessible to lay readers, the book summarizes what we know about adult and embryonic stem cells and discusses how to go about the transition from mouse studies to research that has therapeutic implications for people. Perhaps most important, *Stem Cells and the Future of Regenerative Medicine* also provides an overview of the moral and ethical problems that arise from the use of embryonic stem cells. This timely book compares the impact of public and private research funding and discusses approaches to appropriate research oversight. Based on the insights of leading scientists, ethicists, and other authorities, the book offers authoritative recommendations regarding the use of existing stem cell lines versus new lines in research, the important role of the federal government in this field of research, and other fundamental issues.

The New Biology - George P. Smith II 2013-06-29

Improvement of man's genetic endowment by direct actions aimed at striving for the positive propagation of those with a superior genetic profile (an element of which is commonly recognized as a high intelligence quotient) or—conversely—delimitation of those with negative genetic inheritance has always remained a primary concern of the

geneticist and the social engineer. Genetic integrity, eugenic advancement, and a strong genetic pool designed to eliminate illness and suffering have been the benchmarks of the "Genetic Movement" and the challenge of Orwell's Nineteen Eighty-Four. If the quality of life can in some way be either improved or advanced by use of the law, then this policy must be developed and pursued. No longer does the Dostoyevskian quest to give life meaning through suffering become an inescapable given. By and through the development and application of new scientific advances in the field of genetics (and especially genetic engineering), the real potential exists to prevent, to a very real extent, most human suffering before it ever manifests itself in or through life. Freedom to undertake research in the exciting and fertile frontiers of the "New Biology" and to master the Genetic Code must be nurtured and maintained. The search for the truth inevitably prevents intellectual, social, and economic stagnation, as well as—ideally—frees all from anxiety and fright. Yet, there is a very real potential for this quest to confuse and confound.

The Sexual Person - Todd A. Salzman 2008-05-21

Two principles capture the essence of the official Catholic position on the morality of sexuality: first, that any human genital act must occur within the framework of heterosexual marriage; second, each and every marriage act must remain open to the transmission of life. In this comprehensive overview of Catholicism and sexuality, theologians Todd A. Salzman and Michael G. Lawler examine and challenge these principles. Remaining firmly within the Catholic tradition, they contend that the church is being inconsistent in its teaching by adopting a dynamic, historically conscious anthropology and worldview on social ethics and the interpretation of scripture while adopting a static, classicist anthropology and worldview on sexual ethics. While some documents from Vatican II, like *Gaudium et spes* ("the marital act promotes self-giving by which spouses enrich each other"), gave hope for a renewed understanding of sexuality, the church has not carried out the full implications of this approach. In short, say Salzman and Lawler: emphasize relationships, not acts, and recognize Christianity's

historically and culturally conditioned understanding of human sexuality. The *Sexual Person* draws historically, methodologically, and anthropologically from the best of Catholic tradition and provides a context for current theological debates between traditionalists and revisionists regarding marriage, cohabitation, homosexuality, reproductive technologies, and what it means to be human. This daring and potentially revolutionary book will be sure to provoke constructive dialogue among theologians, and between theologians and the Magisterium.

Assisted Conception: Research, Ethics and Law - Jennifer Gunning
2017-11-01

This title was first published in 2003. Assisted conception is an area where it often seems that all the ethical and legal issues have been covered and then technology advances and the discussions start all over again. The book is an anthology of papers presented during a project looking at therapeutic research in assisted conception (TRAC). It is divided into three areas addressing research, ethics and law. Each chapter begins with an overview of the issues, with the aim being to present new perspectives rather than covering old ground. The European Convention on Human rights and Biomedicine came into force on December 1, 1999. The Convention allows therapeutic research and research on spare embryos but forbid fundamental research, which may be essential to the safe development of new techniques. This also means that people may become part of an experimental process without their consent. The project brings together clinicians, embryologists, lawyers and ethicists to ascertain whether there might be a risk of infertility patients being exposed to insufficiently tested procedures and to see if there is a need for fundamental research in this area. It also looks at the legislative safeguards that exist and whether a European standard for treatment should be set.

The Adoption of Frozen Embryos - Rev. Fr. Dr. Anthony Okechukwu
Nnadi 2020-09-16

This book discusses the ethical dilemmas relating to the use of frozen human embryos. During an IVF process, after fertilization of the eggs,

the embryos that are not needed immediately can be placed in the freezer to be preserved for future use. Regarding the fate of frozen human embryos, the possibilities include: i) donating them for stem cell research or for treatment of disease; ii) using them as a means for treatment of infertility; iii) permitting their destruction; iv) allowing them to thaw and die; v) allowing them to continue to stay in the freezer and vi) utilizing them in a form of prenatal adoption. As the book reveals, it is only the proposal to adopt the embryos that can be considered in terms of moral permissibility because the rest do not respect and protect the dignity, integrity and life of the human embryo. The book focuses on the proposal for prenatal adoption. The anthropological dimension of adoption reveals that the ethics of adoption is based on gift and acceptance and that adoption is a concrete manner of expressing love and solidarity. Thus, an abandoned child is received with love to be permanently a member of the adoptive family. The husband and wife who did not beget the abandoned child, generate him/her through the intrinsic generative power of their love. With this, it was demonstrated in this book that prenatal adoption is compatible with the dynamic of adoption. Prenatal adoption as *Dignitas personae* reveals is praiseworthy because it protects and saves human lives, but it presents various problems. Based on the declarations of the Catholic Magisterium, there is a prolific Catholic debate on the morality of prenatal adoption. Some agree it is morally permissible, while others disagree. Most arguments in the Catholic debate are centred on whether prenatal adoption separates the unitive and procreative meanings of marriage. This book proposes a reconsideration of prenatal adoption, sticking strictly to the Magisterial prudential judgement.

Culture Media, Solutions, and Systems in Human ART - Patrick
Quinn 2014-03-27

This volume describes culture media and solutions used in human ART; how they have been developed for in vitro human pre-implantation embryo development, the function and importance of the various components in media and solutions and how they interact, and how the systems in which these are used can influence outcomes. Chapters

discuss inorganic solutes, energy substrates, amino acids, macromolecules, cytokines, growth factors, buffers, pH, osmolality, and the interaction of these parameters. The role of incubators and other physical factors are reviewed, along with the relevance and prospects of emerging technologies: morphokinetic analysis using time-lapse imaging and dynamic fluid incubation systems. Results of prospective randomized trials are emphasized to ascertain the added value of these techniques for selecting viable embryos. This comprehensive guide will be invaluable for embryologists, physicians and all personnel involved in the fluid products used in human ART seeking to optimize their successful use of these components.

The Christian Religion and Biotechnology - George P. Smith
2006-03-30

Religion is a dominant force in the lives of many Americans. It animates, challenges, directs and shapes, as well, the legal, political, and scientific agendas of the new Age of Biotechnology. In a very real way, religion, biomedical technology and law are - epistemologically - different. Yet, they are equal vectors of force in defining reality and approaching an understanding of it. Indeed, all three share a synergetic relationship, for they seek to understand and improve the human condition. This book strikes a rich balance between thorough analysis (in the body), anchored in sound references to religion, law and medical scientific analysis, and a strong scholarly direction in the end notes. It presents new insights into the decision-making processes of the new Age of Biotechnology and shows how religion, law and medical science interact in shaping, directing and informing the political processes. This volume will be of interest to both scholars and practitioners in the fields of religion and theology, philosophy, ethics, (family) law, science, medicine, political science and public policy, and gender studies. It will serve as a reference source and can be used in graduate and undergraduate courses in law, medicine and religion.

Issues in Medical Law and Ethics - Derek Morgan 2012-12-06

Thirty years ago, English jurist Patrick Devlin wrote: "Is it not a pleasant tribute to the medical profession that by and large it has been able to

manage its relations with its patients ... without the aid of lawyers and law makers". Medical interventions at the beginnings and the endings of life have rendered that assessment dated if not defeated. This book picks up some of the most important of those developments and reflects on the legal and social consequences of this metamorphosis over the past ten years, and will be of interest to students of law, sociology and ethics who want a considered and critical introduction to, and reflection on, key issues in these pivotal moments of human life.

Characterization of the Chicken-embryo-lethal-orphan (CELO) Virus - Vance Joseph Yates 1960

The Human Embryonic Stem Cell Debate - Professor of Ethics and Religion Suzanne Holland, Ph.D. 2001

Discusses the ethical issues involved in the use of human embryonic stem cells in regenerative medicine.

Issues in Fetal Medicine - S.L. Barron 1995-02-12

This book explores the emerging speciality of fetal medicine. The new technology for examining DNA is described as a background to later chapters concerned with gene therapy and the examination of the conceptus. An account of laboratory techniques for studying the mouse embryo is illustrated by outstanding photographs of scanning electron microscopy. This book will be of interest to all those who are involved with the care of the pregnant woman and her fetus whether in medicine or in the law.

Assessing Genetic Risks - Institute of Medicine 1994-01-01

Raising hopes for disease treatment and prevention, but also the specter of discrimination and "designer genes," genetic testing is potentially one of the most socially explosive developments of our time. This book presents a current assessment of this rapidly evolving field, offering principles for actions and research and recommendations on key issues in genetic testing and screening. Advantages of early genetic knowledge are balanced with issues associated with such knowledge: availability of treatment, privacy and discrimination, personal decision-making, public health objectives, cost, and more. Among the important issues covered:

Quality control in genetic testing. Appropriate roles for public agencies, private health practitioners, and laboratories. Value-neutral education and counseling for persons considering testing. Use of test results in insurance, employment, and other settings.

Family Values and the New Society - George Patrick Smith 1998

A focus on issues in the current national debate on family values that provides a strong and practical framework for decisionmaking.

Ethics and Human Reproduction (RLE Feminist Theory) - Christine Overall 2013-05-20

In *Ethics and Human Reproduction*, Christine Overall blends feminist theory and philosophical expertise to provide a coherent analysis of a range of moral questions and social policy issues pertaining to human reproduction and the new reproductive technologies. Topics covered include: sex preselection, artificial insemination, prenatal diagnosis, abortion, in vitro fertilisation and embryo transfer, surrogate motherhood, and childbirth. Throughout the book, the author examines the values and assumptions underlying common perceptions of sexuality and fertility, the status of the foetus, the value of children, the nature of parenting, and the roles of women. In so doing, she develops a feminist approach to answering questions about reproductive rights and freedoms, the value of a genetic link between mother and their offspring, the commodification of reproduction, and the effects of reproductive technologies on women and children. This book should be essential reading for anyone interested in the new reproductive technologies, biomedical ethics, and women's health.

Bibliography of Agriculture - 1973-07

Pragmatist Ethics for a Technological Culture - F.W. Jozef Keulartz 2012-12-06

Our technological culture has an extremely dynamic character: old ways of reproducing ourselves, managing nature and keeping animals are continually replaced by new ones; norms and values with respect to our bodies, food production, health care and environmental protection are regularly being put up for discussion. This constantly confronts us with

new moral problems and dilemmas. In discussion with other approaches this book argues that pragmatism, with its strong emphasis on the interaction between technology and values, gives us both procedural help and stresses the importance of living and cooperating together in tackling these problems and dilemmas. The issues in this book include the interaction of technology and ethics, the status of pragmatism, the concept of practice, and discourse ethics and deliberative democracy. It has an interactive design, with original contributions alternating with critical comments. The book is of interest for students, scholars and policymakers in the fields of bioethics, animal ethics, environmental ethics, pragmatist philosophy and science and technology studies.

Moral Choices - Scott Rae 2018-10-16

With its unique union of theory and application and its well-organized, easy-to-use design, *Moral Choices* has earned its place as the standard text for college ethics courses. This fourth edition offers extensive updates, revisions, and three brand new chapters all designed to help students develop a sound and current basis for making ethical decisions in today's complex postmodern culture. *Moral Choices* outlines the distinctive elements of Christian ethics while avoiding undue dogmatism. The book also introduces other ethical systems and their key historical proponents, including Plato, Aristotle, Augustine, Thomas Aquinas, and Immanuel Kant. After describing a seven-step procedure for tackling ethical dilemmas, author Scott Rae uses case studies to address some of today's most pressing social issues. He guides students in thinking critically and biblically about issues, including: Abortion Reproductive Technologies Euthanasia Capital Punishment Sexual Ethics The Morality of War Genetic Technologies and Human Cloning Ethics and Economics NEW: Creation Care NEW: Animal Rights NEW: Gun-Control NEW: Race, Gender, and Diversity NEW: Immigration, Refugees, and Border Control FEATURES Relevant Case Studies throughout Discussion questions at the end of each chapter Sidebars with case studies for discussion Recommended further reading

Cases and Other Materials on Domestic Relations - Walter Wadlington 1990

Medical and Social Choices for Infertile Couples and the Federal Role in Prevention and Treatment - United States. Congress. House. Committee on Government Operations. Human Resources and Intergovernmental Relations Subcommittee 1989

Assisted Reproductive Technology - Charles P. Kindregan 2006

As more people turn to assisted reproduction, the legal issues surrounding it have become increasingly complex. Beyond representing patients or clinics, numerous legal problems are arising from the technology's application. Disputes in divorce are the most common, but this technology impacts the law in other areas, including personal injury, insurance, criminal law, and estate planning. Drawing from multiple legal sources, this book presents complex information in a direct, balanced and fair manner. It includes glossary, sample forms and checklists, and bibliography.

Moral Dilemmas in Modern Medicine - Michael Lockwood 1985

A really good collection, a sustained and successful attempt to throw some light on extremely difficult problems...' ___ New Society .

Abortion Politics - Marianne Githens 2013-10-08

Abortion Politics: Public Policy in Cross Cultural Perspective focuses on current abortion policy and practice in the United States, Canada, Europe and Japan and aims to provide a comprehensive, stimulating and balanced picture of current abortion policy in a cross-cultural perspective. The contributors deal with comparative abortion policy including recent developments in Ireland, Germany and Eastern Europe.

Analysis of Growth Factor Signaling in Embryos - Malcolm Whitman 2006-08-15

Developmental biologists have been driven to investigate growth factor signaling in embryos in order to understand the regulatory mechanisms underlying a given developmental process. Thus, it is critical to explore the technical methods and experimental designs for growth factor signaling in embryos. Focusing on specific pathways or pathway components, Analysis of Growth Factor Signaling in Embryos provides the methods and guidelines for experimental design to study major

aspects of cell signaling in vertebrate embryos. The book covers a broad range of topics in signaling and a variety of current model organisms. Section I explores specific signaling pathways or pathway components. In this section, some chapters highlight the biochemistry of signaling pathways during development, which is often distinctive from that observed in cell culture systems. Section II discusses ionic regulatory mechanisms and the two chapters in Section III examine ways of investigating gene regulation in response to extracellular signals. Finally, Section IV addresses emerging strategies that facilitate integrated analyses of cell signaling in vivo in embryonic systems. Featuring contributions from expert researchers, Analysis of Growth Factor Signaling in Embryos will provide a foundation for further explorations of the cellular regulatory mechanisms governing vertebrate embryonic development.

Freezing Fertility - Lucy van de Wiel 2020-12-15

Analyzes how the possibility of egg freezing changes what it means to be fertile and to age in the 21st century Welcomed as liberation and dismissed as exploitation, egg freezing (oocyte cryopreservation) has rapidly become one of the most widely-discussed and influential new reproductive technologies of this century. In Freezing Fertility, Lucy van de Wiel takes us inside the world of fertility preservation—with its egg freezing parties, contested age limits, proactive anticipations and equity investments—and shows how the popularization of egg freezing has profound consequences for the way in which female fertility and reproductive aging are understood, commercialized and politicized. Beyond an individual reproductive choice for people who may want to have children later in life, Freezing Fertility explores how the rise of egg freezing also reveals broader cultural, political and economic negotiations about reproductive politics, gender inequities, age normativities and the financialization of healthcare. Van de Wiel investigates these issues by analyzing a wide range of sources—varying from sparkly online platforms to heart-breaking court cases and intimate autobiographical accounts—that are emblematic of each stage of the egg freezing procedure. By following the egg's journey, Freezing Fertility

examines how contemporary egg freezing practices both reflect broader social, regulatory and economic power asymmetries and repoliticize fertility and aging in ways that affect the public at large. In doing so, the book explores how the possibility of egg freezing shifts our relation to the beginning and end of life.

Human Embryo Transfer - United States. Congress. House. Committee on Science and Technology. Subcommittee on Investigations and Oversight 1985

Inheritance Law And The Evolving Family - Ralph Brashier
2008-11-20

How inheritance law has failed to recognize the modern family.

Guidelines for Human Embryonic Stem Cell Research - National Research Council 2005-09-15

Since 1998, the volume of research being conducted using human embryonic stem (hES) cells has expanded primarily using private funds because of restrictions on the use of federal funds for such research. Given limited federal involvement, privately funded hES cell research has thus far been carried out under a patchwork of existing regulations, many of which were not designed with this research specifically in mind. In addition, hES cell research touches on many ethical, legal, scientific, and policy issues that are of concern to the public. This report provides guidelines for the conduct of hES cell research to address both ethical and scientific concerns. The guidelines are intended to enhance the integrity of privately funded hES cell research by encouraging responsible practices in the conduct of that research.

The Science of Orphan Black - Casey Griffin 2017-08-22

An official guide to the crazy science of Orphan Black Delve deeper into

the scientific terms and theories at the core of the Peabody-winning, cult favourite show. With exclusive insights from the show's co-creator Graeme Manson and science consultant Cosima Herter, *The Science of Orphan Black* takes you behind the closed doors of the Dyad Institute and inside Neolution. Authors Casey Griffin and Nina Nesseth decode the mysteries of Orphan Black — from the history of cloning, epigenetics, synthetic biology, chimerism, the real diseases on which the clone disease is based, and the transhumanist philosophies of Neolution, to what exactly happens when a projectile pencil is shot through a person's eye and into their brain.

Moral Choices - Scott B. Rae 2000

This Christian introduction to ethics familiarizes both seminary and secular university students with basic processes of ethical decision making. This text, updated with a new chapter, tackles the ethical issues involved in genetic technologies.

Sex/Machine - Patrick D. Hopkins 1998

" . . . discusses the complex connections between gender and technology . . . an intriguing and enlightening book, the latest in an outstanding . . . series by Indiana University Press." —Bruce Hilton, Scripps Howard News Service
How does technology influence gender roles? From personal computers and cyberspace to artificial wombs and sex reassignment surgery, technology has opened up the possibility that sex roles as well as the gendered notions we have of human identity are subject to radical change. This engaging anthology examines long-standing stereotypical associations of men with technology and women with nature and assesses the impact of technologies that have necessarily blurred distinctions between the sexes and altered traditional views of gender.