Superintelligenza Tendenze Pericoli Strategie

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Our Posthuman Future

L’espressione black mirror allude a ogni strumento tecnologico che, spento o inattivo, si trasforma in un’oscura superficie riflettente. I black mirrors sono parte integrante della nostra quotidianità, in una maniera così pervasiva da rendere difficile, soprattutto per i cosiddetti nativi digitali, una riflessione sulle implicazioni e le conseguenze di questo dominio. In questo contesto, la serie Black Mirrorcostituisce un’autentica narrazione filosofica che si impone ai propri spettatori come una domanda di senso: nella relazione con la tecnologia, chi è il vero strumento? Siamo noi a incidere sulla realtà, utilizzando gli schermi, o sono loro ad aver strumentalizzato la nostra realtà, a partire da quella identitaria, passando per le relazioni, fino a giungere al grande agone della politica? Il filo di queste riflessioni ci trae in un labirinto filosofico che scava dentro di noi, svelando, dietro gli spettatori, gli umani che non possono più fare a meno dei loro specchi neri.

Superintelligence

This classic work is now reissued in new covers with a new Preface by the author. Written for non-scientists, this is an original work in which James Lovelock puts forward his inspirational idea that life on earth functions as a single organism.

Wildlife

An epic yet personal look at several decades of life, love, and death in the imaginary city of Ambergris-previously chronicled in Jeff VanderMeer's acclaimed City of Saints & Madmen-Shriek: An Afterword relates the scandalous, heartbreaking, and

horrifying secret history of two squabbling siblings and their confidantes, protectors, and enemies. Narrated with flamboyant intensity and under increasingly urgent conditions by ex-society figure Janice Shriek, this afterword presents a vivid gallery of characters and events, emphasizing the adventures of Janice's brother Duncan, a historian obsessed with a doomed love affair and a secret that may kill or transform him; a war between rival publishing houses that will change Ambergris forever; and the gray caps, a marginalized people armed with advanced fungal technologies who have been waiting underground for their chance to mold the future of the city. Part academic treatise, part tell-all biography, after this introduction to the Family Shriek, you'll never look at history in quite the same way again. At the Publisher's request, this title is being sold without Digital Rights Management Software (DRM) applied.

Hello World

Since well before his epic 1974 walk between the Twin Towers of the World Trade Center, Philippe Petit had become an artist who answered first and foremost to the demands of his craft - not only on the high wire, but also as a magician, street juggler, visual artist, builder and writer. A born rebel, he is self taught, cultivating the attitudes, resources and techniques to tackle even seemingly impossible feats. His outlaw sensibility spawned a unique approach to the creative process, an approach he shares with the reader, revealing unconventional ways of creating art.

Gaia

This book is designed to offer a comprehensive high-level introduction to transhumanism, an international political and cultural movement that aims to produce a “paradigm shift” in our ethical and political understanding of human evolution. Transhumanist thinkers want the human species to take the course of evolution into its own hands, using advanced technologies currently under development – such as robotics, artificial intelligence, biotechnology, cognitive neurosciences, and nanotechnology – to overcome our present physical and mental limitations, improve our intelligence beyond the current maximum achievable level, acquire skills that are currently the preserve of other species, abolish involuntary aging and death, and ultimately achieve a post-human level of existence. The book covers transhumanism from a historical, philosophical, and scientific viewpoint, tracing its cultural roots, discussing the main philosophical, epistemological, and ethical issues, and reviewing the state of the art in scientific research on the topics of most interest to transhumanists. The writing style is clear and accessible for the general reader, but the book will also appeal to graduate and undergraduate students.

Machine Learning For Dummies

Build machine and deep learning systems with the newly released TensorFlow 2 and Keras for the lab, production, and mobile devices Key Features Introduces and then uses TensorFlow 2 and Keras right from the start Teaches key machine and deep learning techniques Understand the fundamentals of deep learning and machine learning through clear explanations and extensive code samples Book Description Deep Learning with TensorFlow 2 and Keras, Second Edition teaches neural networks and deep learning techniques alongside TensorFlow (TF) and Keras. You'll learn how to write deep learning applications in the most powerful, popular, and scalable machine learning stack available. TensorFlow is the machine learning library of choice for professional applications, while Keras offers a simple and powerful Python API for accessing TensorFlow. TensorFlow 2 provides full Keras integration, making advanced machine learning easier and more convenient than ever before. This book also introduces neural networks with TensorFlow, runs through the main applications (regression, ConvNets (CNNs), GANs, RNNs, NLP), covers two working example apps, and then dives into TF in production, TF mobile, and using TensorFlow with AutoML. What you will learn Build machine learning and deep learning systems with TensorFlow 2 and the Keras API Use Regression analysis, the most popular approach to machine learning Understand ConvNets (convolutional neural networks) and how they are essential for deep learning systems such as image classifiers Use GANs (generative adversarial networks) to create new data that fits with existing patterns Discover RNNs (recurrent neural networks) that can process sequences of input intelligently, using one part of a sequence to correctly interpret another Apply deep learning to natural human language and interpret natural language texts to produce an appropriate response Train your models on the cloud and put TF to work in real environments Explore how Google tools can automate simple ML workflows without the need for complex modeling Who this book is for This book is for Python developers and data scientists who want to build machine learning and deep learning systems with TensorFlow. Whether or not you have done machine learning before, this book gives you the theory and practice required to use Keras, TensorFlow 2, and AutoML to build machine learning systems.

How to Create a Mind

Berto's highly readable and lucid guide introduces students and the interested reader to Gödel's celebrated Incompleteness Theorem, and discusses some of the most famous - and infamous - claims arising from Gödel's arguments. Offers a clear understanding of this difficult subject by presenting each of the key steps of the Theorem in separate chapters Discusses interpretations of the Theorem made by celebrated contemporary thinkers Sheds light on the wider extra-mathematical and philosophical implications of Gödel's theories Written in an accessible, non-technical style

Integral Human Development

Man, His Nature and Place in the World

The human brain has some capabilities that the brains of other animals lack. It is to these distinctive capabilities that our species owes its dominant position. Other animals have stronger muscles or sharper claws, but we have cleverer brains. If machine brains one day come to surpass human brains in general intelligence, then this new superintelligence could become very powerful. As the fate of the gorillas now depends more on us humans than on the gorillas themselves, so the fate of our species then would come to depend on the actions of the machine superintelligence. But we have one advantage: we get to make the first move. Will it be possible to construct a seed AI or otherwise to engineer initial conditions so as to make an intelligence explosion survivable? How could one achieve a controlled detonation? To get closer to an answer to this question, we must make our way through a fascinating landscape of topics and considerations. Read the book and learn about oracles, genies, singletons; about boxing methods, tripwires, and mind crime; about humanity's cosmic endowment and differential technological development; indirect normativity, instrumental convergence, whole brain emulation and technology couplings; Malthusian economics and dystopian evolution; artificial intelligence, and biological cognitive enhancement, and collective intelligence.

Shriek: An Afterword

Explores the limitless potential of reverse-engineering the human brain, outlining the controversial implications of increasing intelligence in order to address global problems while comparing emotional and moral intelligence and considering the origins of consciousness.

There Are Places in the World Where Rules Are Less Important Than Kindness

A journalist’s provocative and spellbinding account of her eighteen months spent disguised as a man. Norah Vincent became an instant media sensation with the publication of Self-Made Man, her take on just how hard it is to be a man, even in a man’s world. Following in the tradition of John Howard Griffin (Black Like Me), Vincent spent a year and a half disguised as her male alter ego, Ned, exploring what men are like when women aren’t around. As Ned, she joined a bowling team, took a high-octane sales job, went on dates with women (and men), visited strip clubs, and even managed to infiltrate a monastery and a men’s therapy group. At once thought-provoking and pure fun to read, Self-Made Man is a sympathetic and thrilling tour de force of immersion journalism.

Rebel Sword

James Lovelock, creator of the Gaia hypothesis and the greatest environmental thinker of our time, has produced an astounding new theory about future of life on Earth. He argues that the anthropocene - the age in which humans acquired planetary-scale technologies - is, after 300 years, coming to an end. A new age - the novacene - has already begun.

Entering Space

Build your Machine Learning portfolio by creating 6 cutting-edge Artificial Intelligence projects using neural networks in Python Key Features Discover neural network architectures (like CNN and LSTM) that are driving recent advancements in AI Build expert neural networks in Python using popular libraries such as Keras Includes projects such as object detection, face identification, sentiment analysis, and more Book Description Neural networks are at the core of recent AI advances, providing some of the best resolutions to many real-world problems, including image recognition, medical diagnosis, text analysis, and more. This book goes through some basic neural network and deep learning concepts, as well as some popular libraries in Python for implementing them. It contains practical demonstrations of neural networks in domains such as fare prediction, image classification, sentiment analysis, and more. In each case, the book provides a problem statement, the specific neural network architecture required to tackle that problem, the reasoning behind the algorithm used, and the associated Python code to implement the solution from scratch. In the process, you will gain hands-on experience with using popular Python libraries such as Keras to build and train your own neural networks from scratch. By the end of this book, you will have mastered the different neural network architectures and created cutting-edge AI projects in Python that will immediately strengthen your machine learning portfolio. What you will learn Learn various neural network architectures and its advancements in AI Master deep learning in Python by building and training neural network Master neural networks for regression and classification Discover convolutional neural networks for image recognition Learn sentiment analysis on textual data using Long Short-Term Memory Build and train a highly accurate facial recognition security system Who this book is for This book is a perfect match for data scientists, machine learning engineers, and deep learning enthusiasts who wish to create practical neural network projects in Python. Readers should already have some basic knowledge of machine learning and neural networks.

Artificial you

As it was in Anna Karenina, Madame Bovary, and Othello, so it is in life. Most forms of private vice and public evil are kindled and sustained by lies. Acts of adultery and other personal betrayals, financial fraud, government corruption—even murder and genocide—generally require an additional moral defect: a willingness to lie. In Lying, best-selling author and neuroscientist Sam Harris argues that we can radically simplify our lives and improve society by merely telling the truth in situations where others often lie. He focuses on "white" lies—those lies we tell for the purpose of sparing people

discomfort—for these are the lies that most often tempt us. And they tend to be the only lies that good people tell while imagining that they are being good in the process.

Storm in a Teacup: The Physics of Everyday Life

Is a baby whose personality has been chosen from a gene supermarket still a human? If we choose what we create what happens to morality? Is this the end of human nature? The dramatic advances in DNA technology over the last few years are the stuff of science fiction. It is now not only possible to clone human beings it is happening. For the first time since the creation of the earth four billion years ago, or the emergence of mankind 10 million years ago, people will be able to choose their children's' sex, height, colour, personality traits and intelligence. It will even be possible to create 'superhumans' by mixing human genes with those of other animals for extra strength or longevity. But is this desirable? What are the moral and political consequences? Will it mean anything to talk about 'human nature' any more? Is this the end of human beings? Our Posthuman Future is a passionate analysis of the greatest political and moral problem ever to face the human race.

The Game

An investigation of the nature and philosophical uses of number. The first volume of Collapse investigates the nature and philosophical uses of number. The volume includes an interview with Alain Badiou on the relation between philosophy, mathematics, and science, an in-depth interview with mathematician Matthew Watkins on the strange connections between physics and the distribution of prime numbers, and contributions that demonstrate the many ways in which number intersects with philosophical thought—from the mathematics of intensity to terrorism, from occultism to information theory, and graphical works of multiplicity.

Free Speech

“Brimming with ideas. . . . The Origins of Creativity approach[es] creativity scientifically but sensitively, feeling its roots without pulling them out.”—Economist In a stirring exploration of human nature recalling his foundational work Consilience, Edward O. Wilson offers a “luminous” (Kirkus Reviews) reflection on the humanities and their integral relationship to science. Both endeavors, Wilson argues, have their roots in human creativity—the defining trait of our species. By studying fields as diverse as paleontology, evolution, and neurobiology, Wilson demonstrates that creative expression began not 10,000 years ago, as we have long assumed, but more than 100,000 years ago in the Paleolithic Age. A provocative investigation into what it means to be human, The Origins of Creativity reveals how the humanities have played an unexamined role in defining our species. With the eloquence, optimism, and pioneering inquiry we have come to expect

from our leading biologist, Wilson proposes a transformational “Third Enlightenment” in which the blending of science and humanities will enable a deeper understanding of our human condition, and how it ultimately originated.

Human Enhancement

One of our most beloved scientists and the international bestselling author of Seven Brief Lessons on Physics, Carlo Rovelli is also a masterful storyteller. In this collection of writings, the logbook of an intelligence always on the move, he follows his curiosity and invites us on a voyage through science, literature, philosophy and politics. Written with his usual clarity and wit, these pieces, most of which were first published in Italian newspapers, range widely across time and space: from Newton's alchemy to Einstein's mistakes, from Nabokov's lepidoptery to Dante's cosmology, from travels in Africa to the consciousness of an octopus, from mind-altering psychedelic substances to the meaning of atheism. Charming, pithy and elegant, this book is the perfect gateway to the universe of one of the most influential physicists of our age.

Preventing Corruption Through Administrative Measures. Handbook

«Lo consiglio vivamente. » Bill Gates «Da leggere assolutamente Dobbiamo essere estremamente cauti con l’Intelligenza Artificiale. Potenzialmente, è più pericolosa del nucleare. » Elon Musk ««Non c’è alcun dubbio sulla forza degli argomenti di Bostrom. Il problema pone una sfida formidabile ai migliori talenti matematici della prossima generazione. È in gioco la sopravvivenza della civiltà umana. » Financial Times «Questa superba analisi, condotta da uno dei più chiari pensatori del mondo, affronta una delle più grandi sfide dell’umanità: se l’Intelligenza Artificiale sovrumana diventa il più grande evento della storia umana, allora come potremo garantire che non diventi anche l’ultimo?» Max Tegmark Nel gennaio 2015 Nick Bostrom è stato cofirmatario, assieme tra gli altri a Stephen Hawking, di una celebre lettera aperta che metteva in guardia sui potenziali pericoli dell’Intelligenza Artificiale. Non ha firmato quell’appello per passatismo, né tantomeno per luddismo, bensì in virtù di un lineare ragionamento filosofico. L’Intelligenza Artificiale è una delle più grandi promesse dell’umanità; grazie ai suoi sviluppi, attuali e futuri, saremo probabilmente in grado di fare cose che oggi sarebbero impensabili, vivremo meglio, e magari più a lungo e più felici. E tuttavia c’è una nube minacciosa sopra il cielo dell’Intelligenza Artificiale, e con questo libro Nick Bostrom è stato il primo a vederla e ad analizzarla, lanciando un allarme che ha avuto un’eco vastissima in tutto il mondo. Siamo proprio certi che riusciremo a governare senza problemi una macchina «superintelligente» dopo che l’avremo costruita? Se lo scopo dell’attuale ricerca sull’Intelligenza Artificiale è quello di costruire delle macchine fornite di un’intelligenza generale paragonabile a quella umana, quanto tempo occorrerà a quelle macchine, una volta costruite, per superare e surclassare le nostre capacità intellettive? Poco, ci informa Bostrom, pochissimo. Una volta raggiunto un livello di intelligenza paragonabile al nostro, alle macchine basterà un piccolo passo per «decollare» esponenzialmente, dando origine a superintelligenze che per noi risulteranno rapidamente inarrivabili. A quel punto le nostre creature potrebbero

scapparci di mano, non necessariamente per «malvagità», ma anche solo come effetto collaterale della loro attività. Potrebbero arrivare a distruggerci o addirittura a distruggere il mondo intero. Per questo – sostiene Bostrom – dobbiamo preoccuparcene ora. Per non rinunciare ai benefici che l'Intelligenza Artificiale potrà apportare, è necessario che la ricerca tecnologica si ponga adesso le domande che questo libro pone con enorme chiarezza e chiaroveggenza.

The Origins of Creativity

Your no-nonsense guide to making sense of machine learning Machine learning can be a mind-boggling concept for the masses, but those who are in the trenches of computer programming know just how invaluable it is. Without machine learning, fraud detection, web search results, real-time ads on web pages, credit scoring, automation, and email spam filtering wouldn't be possible, and this is only showcasing just a few of its capabilities. Written by two data science experts, Machine Learning For Dummies offers a much-needed entry point for anyone looking to use machine learning to accomplish practical tasks. Covering the entry-level topics needed to get you familiar with the basic concepts of machine learning, this guide quickly helps you make sense of the programming languages and tools you need to turn machine learning-based tasks into a reality. Whether you're maddened by the math behind machine learning, apprehensive about AI, perplexed by preprocessing data—or anything in between—this guide makes it easier to understand and implement machine learning seamlessly. Grasp how day-to-day activities are powered by machine learning Learn to 'speak' certain languages, such as Python and R, to teach machines to perform pattern-oriented tasks and data analysis Learn to code in R using R Studio Find out how to code in Python using Anaconda Dive into this complete beginner's guide so you are armed with all you need to know about machine learning!

Novacene

The Ethics of Human Enhancement

Pope Paul VI's notion of "integral human development," which was endorsed by his successors including Pope Francis, broke with the modern project of purely economic and technological development, resulting in an original understanding of development. Like a conventional notion of development, this theoretical construct favors economic growth, technological innovation, and the implementation of social programs. However, development is not just a socioeconomic and political issue, let alone a technical one; it raises, fundamentally, theological questions and points to important ethical challenges. Hence, integral human development is a vocation at which all personal, social, and political activity must be directed. As such, it is not a social but an anthropological program. Far from being a secular development theory, the notion of "integral

human development" emphasizes the religious goal of reconciling humanity and God through the creation of a human family over and above material social and economic issues. Sustained by global principle and shaped by different cultural views, this book brings forth the uniqueness of this approach to development, examines its contribution to human welfare, and anticipates the resistances it may face.

Black Mirror

A documentary filmmaker, bringing together Artificial Intelligence experts from around the world, explores the terrifying possibility of catastrophic outcomes once we share the planet with intelligent machines who are smarter and more powerful than we could ever have imagined. 25,000 first printing.

Neural Network Projects with Python

NOW A MAJOR MOTION PICTURE The #1 bestselling author of Saturday and Atonement brilliantly illuminates the collision of sexual longing, deep-seated fears and romantic fantasy in his unforgettable, emotionally engaging novel. The year is 1962. Florence, the daughter of a successful businessman and an aloof Oxford academic, is a talented violinist. She dreams of a career on the concert stage and of the perfect life she will create with Edward, the earnest young history student she met by chance and who unexpectedly wooed her and won her heart. Edward grew up in the country on the outskirts of Oxford where his father, the headmaster of the local school, struggled to keep the household together and his mother, brain-damaged from an accident, drifted in a world of her own. Edward’ s native intelligence, coupled with a longing to experience the excitement and intellectual fervour of the city, had taken him to University College in London. Falling in love with the accomplished, shy and sensitive Florence--and having his affections returned with equal intensity--has utterly changed his life. Their marriage, they believe, will bring them happiness, the confidence and the freedom to fulfill their true destinies. The glowing promise of the future, however, cannot totally mask their worries about the wedding night. Edward, who has had little experience with women, frets about his sexual prowess. Florence’s anxieties run deeper: she is overcome by conflicting emotions and a fear of the moment she will surrender herself. From the precise and intimate depiction of two young lovers eager to rise above the hurts and confusion of the past, to the touching story of how their unexpressed misunderstandings and fears shape the rest of their lives, On Chesil Beach is an extraordinary novel that brilliantly, movingly shows us how the entire course of a life can be changed--by a gesture not made or a word not spoken.

H+/-

Great Falls, Montana, is where the Rockies end and where, in 1960, the Brinson family hopes to find a better life. Instead,

sixteen-year-old Joe Brinson watches his parents discover the limits of their marriage and, at the same time, the unexpected depths of dignity and courage that remain even when love dies. From the Trade Paperback edition.

Economía

'One of the best books yet written on data and algorithms. . .deserves a place on the bestseller charts.' (The Times) You are accused of a crime. Who would you rather determined your fate - a human or an algorithm? An algorithm is more consistent and less prone to error of judgement. Yet a human can look you in the eye before passing sentence. Welcome to the age of the algorithm, the story of a not-too-distant future where machines rule supreme, making important decisions - in healthcare, transport, finance, security, what we watch, where we go even who we send to prison. So how much should we rely on them? What kind of future do we want? Hannah Fry takes us on a tour of the good, the bad and the downright ugly of the algorithms that surround us. In Hello World she lifts the lid on their inner workings, demonstrates their power, exposes their limitations, and examines whether they really are an improvement on the humans they are replacing. A BBC RADIO 4- BOOK OF THE WEEK SHORTLISTED FOR THE 2018 BAILLIE GIFFORD PRIZE AND 2018 ROYAL SOCIETY SCIENCE BOOK PRIZE

Lying

A Global Catastrophic Risk is one that has the potential to inflict serious damage to human well-being on a global scale. This book focuses on such risks arising from natural catastrophes (Earth-based or beyond), nuclear war, terrorism, biological weapons, totalitarianism, advanced nanotechnology, artificial intelligence and social collapse.

Our Final Invention

“[Czerski’s] quest to enhance humanity’s everyday scientific literacy is timely and imperative.”—Science Storm in a Teacup is Helen Czerski’s lively, entertaining, and richly informed introduction to the world of physics. Czerski provides the tools to alter the way we see everything around us by linking ordinary objects and occurrences, like popcorn popping, coffee stains, and fridge magnets, to big ideas like climate change, the energy crisis, or innovative medical testing. She provides answers to vexing questions: How do ducks keep their feet warm when walking on ice? Why does it take so long for ketchup to come out of a bottle? Why does milk, when added to tea, look like billowing storm clouds? In an engaging voice at once warm and witty, Czerski shares her stunning breadth of knowledge to lift the veil of familiarity from the ordinary.

There's Something About Gödel

Anthropic Bias explores how to reason when you suspect that your evidence is biased by "observation selection effects"--that is, evidence that has been filtered by the precondition that there be some suitably positioned observer to "have" the evidence. This conundrum--sometimes alluded to as "the anthropic principle," "self-locating belief," or "indexical information"--turns out to be a surprisingly perplexing and intellectually stimulating challenge, one abounding with important implications for many areas in science and philosophy. There are the philosophical thought experiments and paradoxes: the Doomsday Argument; Sleeping Beauty; the Presumptuous Philosopher; Adam & Eve; the Absent-Minded Driver; the Shooting Room. And there are the applications in contemporary science: cosmology ("How many universes are there?", "Why does the universe appear fine-tuned for life?"); evolutionary theory ("How improbable was the evolution of intelligent life on our planet?"); the problem of time's arrow ("Can it be given a thermodynamic explanation?"); quantum physics ("How can the many-worlds theory be tested?"); game-theory problems with imperfect recall ("How to model them?"); even traffic analysis ("Why is the 'next lane' faster?"). Anthropic Bias argues that the same principles are at work across all these domains. And it offers a synthesis: a mathematically explicit theory of observation selection effects that attempts to meet scientific needs while steering clear of philosophical paradox.

Superintelligenza

We humans can enhance some of our mental and physical abilities above the normal upper limits for our species with the use of particular drug therapies and medical procedures. We will be able to enhance many more of our abilities in more ways in the near future. Some commentators have welcomed the prospect of wide use of human enhancement technologies, while others have viewed it with alarm, and have made clear that they find human enhancement morally objectionable. The Ethics of Human Enhancement examines whether the reactions can be supported by articulated philosophical reasoning, or perhaps explained in terms of psychological influences on moral reasoning. An international team of ethicists refresh the debate with new ideas and arguments, making connections with scientific research and with related issues in moral philosophy.

Transhumanism - Engineering the Human Condition

Private Lucas Walker never thought he'd be a hero. As a grunt in United Federation of Sol's peacekeeper force deployed to Pluto's tiny moon Nyx, the furthest barren hellhole in the solar system, he thought his career was all but over even before it began. He day-dreams of lightsabers, vampires, battlecats, wizards, and all things sci-fi and fantasy while he repairs sand-clogged equipment and mops floors.Then everything changes.A spatial-temporal vortex opens on Pluto, and out pours an army. A deadly force intent on capturing Earth and enslaving humanity in its quest for universal domination. All universes, all galaxies, all planets--all will kneel and submit to The Dominion.The crap has hit the fan.UFS marines are overwhelmed.

The odds look grim. Humanity teeters on the edge. The future of civilization now depends on Private Walker and his ragtag band of misfit UFS peacekeepers, armed only with weapons stolen from the enemy. He needs to figure this hero thing out fast, or all is lost.

How to Lose a Country: The 7 Steps from Democracy to Dictatorship

An urgent call to action from one of Europe’s most well-regarded political thinkers. How to Lose a Country: The 7 Steps from Democracy to Dictatorship is a field guide to spotting the insidious patterns and mechanisms of the populist wave sweeping the globe – before it’s too late.

Deep Learning with TensorFlow 2 and Keras

Fourteen years after the publication of his cult classic I Barbari, Baricco returns in The Game to the topic of change, in a journey that maps out the transformations that the digital revolution has wrought upon the landscape of human experience. From Space Invaders to the PlayStation, from Windows 95 to the conundrum of artificial intelligence, Baricco traces the trajectory of a revolution in the way we think, feel, and communicate - and seeks to discover what it might actually mean for our future.

Controversies in the Contemporary World

Global Catastrophic Risks

The author of The Case for Mars provides an insider's look at the future of space exploration and travel, examining the true potential for human expeditions into outer space, the prospects for colonization of the outer planets of the solar system, and their implications for the future of humankind. Reprint.

Collapse, Volume 1

One of the great political writers of our time offers a manifesto for global free speech in the digital age Never in human history was there such a chance for freedom of expression. If we have Internet access, any one of us can publish almost anything we like and potentially reach an audience of millions. Never was there a time when the evils of unlimited speech flowed so easily across frontiers: violent intimidation, gross violations of privacy, tidal waves of abuse. A pastor burns a

Koran in Florida and UN officials die in Afghanistan. Drawing on a lifetime of writing about dictatorships and dissidents, Timothy Garton Ash argues that in this connected world that he calls cosmopolis, the way to combine freedom and diversity is to have more but also better free speech. Across all cultural divides we must strive to agree on how we disagree. He draws on a thirteen-language global online project--freespeechdebate.com--conducted out of Oxford University and devoted to doing just that. With vivid examples, from his personal experience of China's Orwellian censorship apparatus to the controversy around Charlie Hebdo to a very English court case involving food writer Nigella Lawson, he proposes a framework for civilized conflict in a world where we are all becoming neighbors.

Creativity

Human enhancement has risen into prominence as a topic in practical ethics and in public debates about the appropriate focus of biomedical research.This book features original contributions from many of the world's leading ethicists and moral thinkers working on these questions, representing a wide range of perspectives---from both the East and the West, from both booster and knockers and sceptics and moderates, with an emphasis on carefulanalytic work. Julian Savulescu and Nick Bostrom thus present a unique snapshot of the state of the debate. This is a must-read for anybody who wishes to have an informed opinion on these matters.

Anthropic Bias

Inspired by Marcelo Dascal’s theory of controversies, this volume includes studies in the theory of controversies, studies of the history of controversy forms and their evolution, and case-studies of particular historical and current controversies. The purpose of this volume is to identify a taxonomy of controversies and also to sense a line of development for the phenomenon of controversies itself. At the same time, we want to ask ourselves about the impact and the spread of controversies in the contemporary world, eminently intended as a heuristic element facilitating knowledge. For all these reasons, the fundamental aim of the volume is to provide the reader with a selection of current theoretical and practical perspectives on controversies, and to offer a broad picture of the complex range of definitions, meanings and practices connected to them.

Self-Made Man

On Chesil Beach

È l'anno 2045, sei in un centro per la programmazione della mente e stai decidendo quale potenziamento vuoi inserire nel tuo cervello per ampliare la tua memoria, accrescere le tue capacità musicali o quelle matematiche. Magari stai già pensando di riversare la tua mente su un supporto del tutto artificiale. Uno scenario come questo non è fantascienza, ma una possibilità che diventa ogni giorno più concreta: siamo già circondati da intelligenze artificiali, dagli algoritmi che si attivano quando facciamo una ricerca sul web fino agli assistenti virtuali che gestiscono i nostri dispositivi e le nostre case. E i prossimi traguardi della ricerca sono lo sviluppo di sistemi artificiali coscienti e l'integrazione di componenti elettronici in un cervello biologico. Queste innovazioni hanno suscitato molte perplessità e molti timori; in Artificial you Susan Schneider sceglie di concentrarsi sui significati profondi e sui risvolti etici delle nuove tecnologie, e sul modo in cui queste possono cambiare radicalmente la nostra definizione di umano. È davvero possibile creare un'intelligenza artificiale cosciente partendo dalla nostra mente o è necessaria un'architettura del tutto diversa? Quali saranno i test per riconoscere cosa è una vera coscienza e cosa una raffinata simulazione? Creare un'intelligenza artificiale per un determinato compito e controllarla sarà da considerare una forma di sfruttamento e schiavitù? Se sostituiremo pezzo per pezzo il nostro cervello con dei chip potremo ancora dire di essere noi stessi? Artificial you si muove tra ipotesi audaci e scenari futuri, ispirandosi alle ricerche più avanzate, per tracciare una mappa delle promesse e dei potenziali pericoli che il domani ci riserva e spingerci a interrogarci sulla natura profonda della nostra identità.