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Artificial Intelligence By Example Ainomics - Economic Artificial Intelligence: Merancang Artificial Intelligence Artificial Intelligence ARTIFICIAL INTELLIGENCE Foundations of Artificial Intelligence The Quest for Artificial Intelligence Artificial Intelligence Illuminated Principles of Artificial Intelligence Exploring Artificial Intelligence in the New Millennium Artificial Intelligence Understanding the Artificial: On the Future Shape of Artificial Intelligence Artificial Intelligence Artificial Intelligence: The Basics Artificial Intelligence Dalam Prakiraan Beban Untuk Pengendalian Operasi Sistem Tenaga Listrik Artificial Intelligence and Automation Artificial Intelligence An Intuitive Exploration of Artificial Intelligence Readings in Artificial Intelligence Artificial Intelligence Edisi 3 Artificial Intelligence Prosiding Use Cases Artificial Intelligence Indonesia: Embracing Collaboration for Research and Industrial Innovation in Artificial Intelligence The International Dictionary of Artificial Intelligence The Essence of Artificial Intelligence FENOMENA ARTIFICIAL INTELLIGENCE (AI) Artificial Intelligence. Encyclopedia of Artificial Intelligence Introduction to Artificial Intelligence ARTIFICIAL INTELLIGENCE IN PRACTICE The Myth of Artificial Intelligence Artificial Intelligence Methods and Applications Artificial Intelligence Peran AI dalam Dunia Pendidikan Artificial Intelligence Artificial Intelligence Today Exploring Artificial Intelligence A Human Algorithm Artificial Intelligence and the Two Singularities A Brief History of Artificial Intelligence Jembatan ilmu : AI dalam konteks akademis untuk masa depan pendidikan Artificial Intelligence

Artificial Intelligence By Example

2018-05-31

be an adaptive thinker that leads the way to artificial intelligence key features ai based examples to guide you in designing and implementing machine intelligence develop your own method for future ai solutions acquire advanced ai machine learning and deep learning design skills book description artificial intelligence has the potential to replicate humans in every field this book serves as a starting point for you to understand how ai is built with the help of intriguing examples and case studies artificial intelligence by example will make you an adaptive thinker and help you apply concepts to real life scenarios using some of the most interesting ai examples right from a simple chess engine to a cognitive chatbot you will learn how to tackle the machine you are competing with you will study some of the most advanced machine learning models understand how to apply ai to blockchain and iot and develop emotional quotient in chatbots using neural networks you will move on to designing ai solutions in a simple manner rather than get confused by complex architectures and techniques this comprehensive guide will be a starter kit for you to develop ai applications on your own by the end of this book will have understood the fundamentals of ai and worked through a number of case studies that will help you develop business vision what you will learn use adaptive thinking to solve real life ai case studies rise beyond being a modern day factory code worker acquire advanced ai machine learning and deep learning designing skills learn about cognitive nlp chatbots quantum computing and iot and blockchain technology understand future ai solutions and adapt quickly to them develop out of the box thinking to face any challenge the market presents who this book is for artificial intelligence by example is a simple explanatory and descriptive guide for junior developers experienced developers technology consultants and those

interested in ai who want to understand the fundamentals of artificial intelligence and implement it practically by devising smart solutions prior experience with python and statistical knowledge is essential to make the most out of this book

Ainomics - Economic Artificial Intelligence: Merancang Artificial Intelligence

2022-07-29

diskusi dan topik tentang kecerdasan buatan selalu mengundang sisi positif optimis dan sisi negatif pesimis dari pengaruhnya terhadap kehidupan manusia di masa depan sisi menakutkan lebih mendominasi topik topik perdebatan dibandingkan dengan nilainya bagi kehidupan ke depannya adanya pro dan kontra terhadap kehadiran ai inilah yang menjadi alasan penulisan buku ini isi buku ini lebih mengedepankan kepada sisi optimisme tentang kehadiran ai menjadi bagian kehidupan kita yaitu nilai ekonomi dari ai ainomics kumpulan pemrograman dan data di dalam ai dikerjakan oleh manusia dan manusia juga yang akhirnya akan memanfaatkannya ada delapan poin utama dalam pembahasan di dalamnya pertama adalah tentang rancangan ai harus selalu berbasis human center atau sisi humanisme dari ai kedua manfaat ai bagi kehidupan ketiga pemanfaatan ai untuk industri 4.0 kami juga menyampaikan tentang perkembangan ai dari asal muasalnya hingga menjadi saat ini kelima menyusun strategi ai bagi yang ingin memulai inisiatif ini keenam menyiapkan talenta kapabilitas dan keahlian ai ketujuh bagaimana kolaborasi manusia dan ai dalam menciptakan kekuatan ekonomi yang tinggi akhirnya kedelapan pada situasi pandemi covid 19 saat ini kami membahas tentang peran ai dalam mengatasi wabah ini semua pembahasan tersebut mengerucut kepada ai sebagai pencipta baru ekonomi economic artificial intelligence

Artificial Intelligence

2000

artificial intelligence is a component of encyclopedia of technology information and systems management resources in the global encyclopedia of life support systems eolss which is an integrated compendium of twenty encyclopedias the theme on artificial intelligence provides the essential aspects and fundamentals of artificial intelligence definition trends techniques and cases logic in artificial intelligence ai computational intelligence knowledge based system development tools it is aimed at the following five major target audiences university and college students educators professional practitioners research personnel and policy analysts managers and decision makers

ARTIFICIAL INTELLIGENCE

2009-12-20

in the 11 contributions theorists historically associated with each position identify the basic tenets of their position have the classical methods and ideas of ai outlived their usefulness foundations of artificial intelligence critically evaluates the fundamental assumptions underpinning the dominant approaches to ai in the 11 contributions theorists historically associated with each position identify the basic tenets of their position they discuss the underlying principles describe the natural types of problems and tasks in which their approach succeeds explain where its power comes from and what its scope and limits are theorists generally skeptical of these positions evaluate the

effectiveness of the method or approach and explain why it works to the extent they believe it does and why it eventually fails contentsfoundations of ai the big issues d kirsh logic and artificial intelligence n j nilsson rigor mortis a response to nilsson s logic and artificial intelligence l birnbaum open information systems semantics for distributed artificial intelligence c hewitt social conceptions of knowledge and action dai foundations and open systems semantics l gasser intelligence without representation r a brooks today the earwig tomorrow man d kirsh on the thresholds of knowledge d b lenat e a feigenbaum the owl and the electric encyclopedia b c smith a preliminary analysis of the soar architecture as a basis for general intelligence p s rosenbloom j e laird a newell r mccarl approaches to the study of intelligence d a norman

Foundations of Artificial Intelligence

1992

artificial intelligence ai is a field within computer science that is attempting to build enhanced intelligence into computer systems this book traces the history of the subject from the early dreams of eighteenth century and earlier pioneers to the more successful work of today s ai engineers ai is becoming more and more a part of everyone s life the technology is already embedded in face recognizing cameras speech recognition software internet search engines and health care robots among other applications the book s many diagrams and easy to understand descriptions of ai programs will help the casual reader gain an understanding of how these and other ai systems actually work its thorough but unobtrusive end of chapter notes containing citations to important source materials will be of great use to ai scholars and researchers this book promises to be the definitive history of a field that has captivated the imaginations of scientists philosophers and

writers for centuries

The Quest for Artificial Intelligence

2009-10-30

a classic introduction to artificial intelligence intended to bridge the gap between theory and practice principles of artificial intelligence describes fundamental ai ideas that underlie applications such as natural language processing automatic programming robotics machine vision automatic theorem proving and intelligent data retrieval rather than focusing on the subject matter of the applications the book is organized around general computational concepts involving the kinds of data structures used the types of operations performed on the data structures and the properties of the control strategies used principles of artificial intelligence evolved from the author's courses and seminars at stanford university and university of massachusetts amherst and is suitable for text use in a senior or graduate ai course or for individual study

Artificial Intelligence Illuminated

2004

this guide is a unique presentation of the spectrum of ongoing research in artificial intelligence an ideal collection for personal reference or for use in introductory courses in ai and its subfields exploring artificial intelligence in the new millennium is essential reading for anyone interested in the intellectual and technological challenges of ai

Principles of Artificial Intelligence

2014-06-28

this innovative book on artificial intelligence ai uses the unifying thread of search to bring together the major application and modeling techniques that use symbolic ai each of the 11 chapters is divided into 3 sections section which introduces the techniques section which develops a low level pop 11 implementation section which develops a high level prolog implementation comprehensive yet practical this book will be of great value to those experienced in ai as well as to students with some programming background and academics and professionals looking for a precise discussion of ai through search this special low priced edition is for sale in india bangladesh bhutan maldives nepal myanmar pakistan and sri lanka only

Exploring Artificial Intelligence in the New Millennium

2003

in recent years a vast literature has been produced on the feasibility of artificial intelligence ai the topic most frequently discussed is the concept of intelligence with efforts to demonstrate that it is or is not transferable to the computer only rarely has attention been focused on the concept of the artificial per se in order to clarify what kind depth and scope of performance including intelligence it could support apart from the classic book by h a simon the sciences of the artificial published in 1969 no serious attempt has been made to define a conceptual frame for understanding the intimate nature of intelligent machines independently of its claimed or denied human like features

the general aim of this book is to discuss from different points of view what we are losing and what we are gaining from the artificial particularly from ai when we abandon the original anthropomorphic pretension there is necessarily a need for analysis of the history of ai and the limits of its plausibility in reproducing the human mind in addition the papers presented here aim at redefining the epistemology and the possible targets of the ai discipline raising problems and proposing solutions which should be understood as typical of the artificial rather than of an information based conception of man

Artificial Intelligence

2007

artificial intelligence ai is taking an increasingly important role in our society from cars smartphones airplanes consumer applications and even medical equipment the impact of ai is changing the world around us the ability of machines to demonstrate advanced cognitive skills in taking decisions learn and perceive the environment predict certain behavior and process written or spoken languages among other skills makes this discipline of paramount importance in today s world although ai is changing the world for the better in many applications it also comes with its challenges this book encompasses many applications as well as new techniques challenges and opportunities in this fascinating area

Understanding the Artificial: On the Future Shape of

Artificial Intelligence

2012-12-06

if ai is outside your field or you know something of the subject and would like to know more then artificial intelligence the basics is a brilliant primer nick smith engineering and technology magazine november 2011 artificial intelligence the basics is a concise and cutting edge introduction to the fast moving world of ai the author kevin warwick a pioneer in the field examines issues of what it means to be man or machine and looks at advances in robotics which have blurred the boundaries topics covered include how intelligence can be defined whether machines can think sensory input in machine systems the nature of consciousness the controversial culturing of human neurons exploring issues at the heart of the subject this book is suitable for anyone interested in ai and provides an illuminating and accessible introduction to this fascinating subject

Artificial Intelligence

2018-06-27

this book develops a conceptual understanding of artificial intelligence ai deep learning and machine learning in the truest sense of the word it is an earnest endeavor to unravel what is happening at the algorithmic level to grasp how applications are being built and to show the long adventurous road in the future an intuitive exploration of artificial intelligence offers insightful details on how ai works and solves problems in computer vision natural language understanding speech understanding reinforcement learning and synthesis of new content from the classic

problem of recognizing cats and dogs to building autonomous vehicles to translating text into another language to automatically converting speech into text and back to speech to generating neural art to playing games and the author's own experience in building solutions in industry this book is about explaining how exactly the myriad applications of ai flow out of its immense potential the book is intended to serve as a textbook for graduate and senior level undergraduate courses in ai moreover since the book provides a strong geometrical intuition about advanced mathematical foundations of ai practitioners and researchers will equally benefit from the book

Artificial Intelligence: The Basics

2013-03-01

the purpose of this collection is to make accessible in one place a number of the seminal research papers in the field of artificial intelligence these papers cover a wide variety of topics some are theoretical and some experimental as many of the papers included here are difficult to find elsewhere having originally been published in conference proceedings or journals that are no longer in print the researcher or student will find this volume a valuable sourcebook of fundamental ai research the editors have added useful introductions to each section and a comprehensive subject index

Artificial Intelligence Dalam Prakiraan Beban Untuk

Pengendalian Operasi Sistem Tenaga Listrik

2022-03-18

artificial intelligence al merupakan teknologi disrupti yang mengubah kemapanan bisnis ekonomi sosial dan budaya al memberikan manfaat sekaligus ancaman berbagai isu kasus masalah serta pro dan kontra terus bermunculan terutama yang berkaitan dengan bocornya data pribadi pengguna yang diduga banyak digunakan untuk membangun sistem ai oleh karena itu sejumlah kalangan mendesak agar etika hukum dan regulasi segera dibuat diratifikasi dan ditegakkan agar ai bisa dimanfaatkan untuk kemaslahatan umat manusia hal ini karena al yang semula klasik sehingga mudah ditelusuri input proses dan outputnya kini telah berkembang menjadi semakin modern dan canggih yang mampu belajar secara cepat dan bahkan secara mandiri otonom dari ribuan jutaan bahkan miliaran data di dalam al dikenal empat teknik pemecahan masalah searching reasoning planning dan learning tiga teknik pertama dikenal sebagai al klasik sedangkan yang terakhir dikenal sebagai ai modern yang mengalami perkembangan pesat dengan istilah machine learning ml deep learning ol dan evolutionary machine learning ml di dalam setiap teknik terdapat banyak metode yang diusulkan dan sudah dibuktikan secara matematis maupun empiris penggunaan teknik dan metode tersebut sangat bergantung pada permasalahan yang akan diselesaikan mereka yang baru mempelajari al seringkali merasa kesulitan dalam memilih teknik dan metode yang tepat untuk menyelesaikan suatu masalah buku ini membahas keempat teknik al tersebut dan metode metode yang ada di dalamnya

Artificial Intelligence and Automation

1998

artificial intelligence ai is widely known as a knowledge field that aims to make computers robots or products that mimic the way humans think in the current scientific community ai is an intensively studied area composed of multiple branches historically machine learning and optimization are two of the most studied fronts thanks to the development of novel and challenging research topics such as transfer optimization swarm robotics and drift detection and adaptation to evolving conditions in real time this book collects radically new theoretical insights reporting recent developments and evincing innovative applications regarding ai methods in all fields of knowledge it also presents works focused on new paradigms and novel branches of ai science

Artificial Intelligence

1986

prosiding use cases artificial intelligence indonesia adalah buku yang mengumpulkan hasil hasil kajian dan liputan 26 use cases inovasi dan 4 inisiatif pemanfaatan kecerdasan artifisial yang kemudian dipetakan menjadi lima klaster bidang kecerdasan artifisial yakni riset industri dan hankam layanan publik dan kesehatan kota cerdas dan kebencanaan ketahanan pangan dan maritim serta klaster inisiatif pemanfaatan kecerdasan artifisial materi buku diperoleh dari para kontributor seluruh anggota quadhelix dan para narasumber pegiat kecerdasan artifisial di indonesia buku ini akan membantu masyarakat dalam mendapatkan pengetahuan dan pencerahan

tentang seluruh teknologi kecerdasan artifisial yang membantu sektor sektor terkait dalam hal otomatisasi alat bantu untuk menganalisis membuat rekomendasi serta keputusan memprediksi dan sebagainya

An Intuitive Exploration of Artificial Intelligence

2021-06-21

first published in 1998 routledge is an imprint of taylor francis an informa company

Readings in Artificial Intelligence

1981

a concise practical introduction to artificial intelligence this title starts with the fundamentals of knowledge representation inference expert systems natural language processing machine learning neural networks agents robots and much more examples and algorithms are presented throughout and the book includes a complete glossary

Artificial Intelligence Edisi 3

2021-06-15

buku fenomena artificial intelligence ai adalah sebuah buku yang memperkenalkan konsep dan

dampak dari kecerdasan buatan ai dalam kehidupan modern kita buku ini ditulis untuk memberikan pemahaman yang komprehensif tentang ai kepada pembaca baik yang sudah akrab dengan teknologi maupun yang baru mengenalnya buku ini dimulai dengan membahas pengenalan dasar mengenai kecerdasan buatan menjelaskan pemanfaatan dasar di balik ai tim penulis mengungkapkan sistem pakar pada ai dan machine learning sebagai pendekatan ai pembaca akan memahami bagaimana komputer dan mesin dapat mempelajari dan mengambil keputusan secara mandiri serta kemampuan mereka untuk memproses data dengan kecepatan yang jauh melebihi kemampuan manusia selanjutnya buku ini mengeksplorasi berbagai aplikasi ai yang telah membawa perubahan signifikan dalam berbagai industri seperti aplikasi ai untuk mendukung pendidikan kesehatan teknologi perpustakaan penjualan pemasaran transportasi dan aplikasi ai untuk bidang wisata dan perjalanan pembaca akan melihat bagaimana ai mengubah cara kita bekerja berinteraksi dan menjalani kehidupan sehari-hari buku ini cocok untuk pembaca yang tertarik untuk memahami dampak revolusi ai serta ingin menggali implikasi dan tanggung jawab sosial yang melekat pada perkembangan teknologi ini

Artificial Intelligence

2021-09-01

featuring the viewpoint of expert members of the ifip technical committee 12 its working groups and their colleagues this book provides an international perspective on recent and future directions in this significant field

Prosiding Use Cases Artificial Intelligence Indonesia: Embracing Collaboration for Research and Industrial Innovation in Artificial Intelligence

2023-03-17

this authoritative reference work will provide readers with a complete overview of artificial intelligence ai including its historic development and current status existing and projected ai applications and present and potential future impact on the united states and the world some people believe that artificial intelligence ai will revolutionize modern life in ways that improve human existence others say that the promise of ai is overblown still others contend that ai applications could pose a grave threat to the economic security of millions of people by taking their jobs and otherwise rendering them obsolete or even worse that ai could actually spell the end of the human race this volume will help users understand the reasons ai development has both spirited defenders and alarmed critics explain theories and innovations like moore s law mindcloning and technological singularity that drive ai research and debate and give readers the information they need to make their own informed judgment about the promise and peril of this technology all of this coverage is presented using language and terminology accessible to a lay audience

The International Dictionary of Artificial Intelligence

1999

can computers think can they use reason to develop their own concepts solve complex problems understand our languages this updated edition of a comprehensive survey includes extensive new text on artificial intelligence in the 21st century introducing deep neural networks conceptual graphs languages of thought mental models metacognition economic prospects and research toward human level ai ideal for both lay readers and students of computer science the original text features abundant illustrations diagrams and photographs as well as challenging exercises lucid easy to read discussions examine problem solving methods and representations game playing automated understanding of natural languages heuristic search theory robot systems heuristic scene analysis predicate calculus theorem proving automatic programming and many other topics

The Essence of Artificial Intelligence

1998

artificial intelligence in practice secara taktis dan praktis mengungkap bagaimana ai dan machine learning dapat digunakan untuk mengatasi tantangan bisnis secara umum dan membuka pintu peluang yang sering kali jauh melebihi ekspektasi buku ini sarat wawasan dan pengetahuan dari raksasa raksasa ai termasuk google microsoft amazon alibaba dan pemimpin industri yang berpikiran maju lainnya menyajikan studi kasus yang menarik baik dari bisnis tradisional maupun rintisan startup serta menjelaskan bagaimana ai diterapkan di dunia bisnis secara nyata bernard marr penulis buku terlaris dan pakar ai menawarkan penjelasan terperinci dari 50 perusahaan yang telah berhasil mengintegrasikan ai ke dalam praktik bisnis mereka dia memberikan gambaran umum dari setiap perusahaan menjelaskan masalah spesifik yang ditangani ai dan menjelaskan bagaimana ai menawarkan solusi yang bisa diterapkan setiap studi kasus berisi gambaran umum

yang menyeluruh beberapa detail teknis serta ringkasan pokok pokok pembelajaran utama artificial intelligence dan machine learning adalah tren bisnis modern terpenting saat ini yang mampu mendorong kesuksesan hari ini dan esok seperti yang ditunjukkan oleh banyak kasus dalam buku ini ai dapat digunakan di industri mulai dari perbankan dan keuangan hingga media dan pemasaran dengan mengadopsi teknologi ai bisnis apa pun dalam skala apa pun pada sektor atau industri mana pun akan mampu mendorong solusi inovatif untuk menghadapi berbagai tantangan dan tuntutan

FENOMENA ARTIFICIAL INTELLIGENCE (AI)

2023-06-03

exposes the vast gap between the actual science underlying ai and the dramatic claims being made for it john horgan if you want to know about ai read this book it shows how a supposedly futuristic reverence for artificial intelligence retards progress when it denigrates our most irreplaceable resource for any future progress our own human intelligence peter thiel ever since alan turing ai enthusiasts have equated artificial intelligence with human intelligence a computer scientist working at the forefront of natural language processing erik larson takes us on a tour of the landscape of ai to reveal why this is a profound mistake ai works on inductive reasoning crunching data sets to predict outcomes but humans don t correlate data sets we make conjectures informed by context and experience and we haven t a clue how to program that kind of intuitive reasoning which lies at the heart of common sense futurists insist ai will soon eclipse the capacities of the most gifted mind but larson shows how far we are from superintelligence and what it would take to get there larson worries that we re making two mistakes at once defining human intelligence down

while overestimating what ai is likely to achieve another concern is learned passivity our tendency to assume that ai will solve problems and our failure as a result to cultivate human ingenuity david a shaywitz wall street journal a convincing case that artificial general intelligence machine based intelligence that matches our own is beyond the capacity of algorithmic machine learning because there is a mismatch between how humans and machines know what they know sue halpern new york review of books

Artificial Intelligence.

2009-08-04

this volume is the first in a series which deals with the challenge of ai issues gives updates of ai methods and applications and promotes high quality new ideas techniques and methodologies in ai this volume contains articles by 38 specialists in various ai subfields covering theoretical and application issues contents introduction to advanced series on artificial intelligence n g bourbakis fundamental methods for horn logic and artificial intelligence applications e kounalis p marquis applications of genetic algorithms to permutation problems f e petry b p buckles extracting procedural knowledge from software systems using inductive learning in the pm system r g reynolds et al resource oriented parallel planning s lee k chung advanced parsing technology for knowledge based shells j r kipps the analysis and synthesis of intelligent systems w arden document image analysis and recognition s n srihari et al signal understanding an artificial intelligence approach to modulation classification j e whelchel et al and other papers readership computer scientists researchers and professionals in artificial intelligence keywords

Encyclopedia of Artificial Intelligence

2021-04-07

artificial intelligence ai merujuk pada kemampuan mesin untuk meniru atau meniru kecerdasan manusia ini mencakup berbagai teknik dan metode yang memungkinkan komputer untuk memahami belajar dan mengambil keputusan berdasarkan data yang diberikan konsep ai pertama kali muncul pada tahun 1956 ketika para ilmuwan merintis langkah pertama dalam pengembangan kecerdasan buatan

Introduction to Artificial Intelligence

2019-08-14

ra society 5 0 telah menggugah minat sebagian besar individu hal ini dibuktikan dengan banyaknya kalangan ahli dan akademisi yang berusaha memberikan pemahaman komprehensif tentang fenomena ini dalam menghadapi perkembangan tersebut respon yang bijak sangat diperlukan mengingat berbagai fitur teknologi yang ada dapat diaplikasikan sebagai sarana bagi mahasiswa dalam meningkatkan kemampuan berpikir kritis dan mengembangkan potensi lain yang ada di dalam dirinya

ARTIFICIAL INTELLIGENCE IN PRACTICE

2021-06-11

artificial intelligence is one of the most fascinating and unusual areas of academic study to have emerged this century for some ai is a true scientific discipline that has made important and fundamental contributions to the use of computation for our understanding of nature and phenomena of the human mind for others ai is the black art of computer science artificial intelligence today provides a showcase for the field of ai as it stands today the editors invited contributions both from traditional subfields of ai such as theorem proving as well as from subfields that have emerged more recently such as agents ai and the internet or synthetic actors the papers themselves are a mixture of more specialized research papers and authoritative survey papers the secondary purpose of this book is to celebrate springer verlag s lecture notes in artificial intelligence series

The Myth of Artificial Intelligence

2021-04-06

exploring artificial intelligence is a unique presentation of the spectrum of research in artificial intelligence each self contained chapter is based on a survey talk given at the national conferences on artificial intelligence aaai 1986 1987 the original speakers all leading researchers in their fields have updated and revised their talks especially for this publication selected and edited to be accessible to students and nonspecialists exploring artificial intelligence preserves the informal

character of the talks while presenting authoritative overviews of current research in critical subareas of ai individually each lecture provides a penetrating exploration of a key area taken together they offer a panorama of the field as a whole its core issues progress and future directions an ideal collection for personal reference or for use in introductory courses in ai and its subfields exploring artificial intelligence is essential reading for anyone interested in the intellectual and technological challenges of artificial intelligence

Artificial Intelligence Methods and Applications

1992-12-31

the age of intelligent machines is upon us and we are at a reflection point the proliferation of fast moving technologies including forms of artificial intelligence will cause us to confront profound questions about ourselves the era of human intellectual superiority is ending and as a species we need to plan for this monumental shift a human algorithm how artificial intelligence is redefining who we are examines the immense impact intelligent technology will have on humanity these machines while challenging our personal beliefs and our socio economic world order also have the potential to transform our health and well being alleviate poverty and suffering and reveal the mysteries of intelligence and consciousness international human rights attorney flynn coleman deftly argues that it is critical we instil values ethics and morals into our robots algorithms and other forms of ai equally important we need to develop and implement laws policies and oversight mechanisms to protect us from tech s insidious threats to realize ai s transcendent potential coleman ad vocates for inviting a diverse group of voices to participate in designing our intelligent machines and using our moral imagination to ensure that human rights empathy and equity are

core principles of emerging technologies ultimately a human algorithm is a clarion call for building a more humane future and moving conscientiously into a new frontier of our own design

Artificial Intelligence

2023-11-15

the science of ai was born a little over 60 years ago but for most of that time its achievements were modest in 2012 it experienced a big bang when a branch of statistics called machine learning and a sub branch called deep learning was applied to it now machines have surpassed humans in image recognition and they are catching up with us at speech recognition and natural language processing every day the media reports the launch of a new service a new product and a new demonstration powered by ai when will it end the surprising truth is the ai revolution has only just begun artificial intelligence and the two singularities argues that in the course of this century the exponential growth in the capability of ai is likely to bring about two singularities points at which conditions are so extreme that the normal rules break down the first is the economic singularity when machine skill reaches a level that renders many of us unemployable and requires an overhaul of our current economic and social systems the second is the technological singularity when machine intelligence reaches and then surpasses the cognitive abilities of an adult human relegating us to the second smartest species on the planet these singularities will present huge challenges but this book argues that we can meet these challenges and overcome them if we do the rewards could be almost unimaginable this book covers recent developments in ai and its future potential the economic singularity and the technological singularity in depth the risks and opportunities presented by ai what actions we should take artificial intelligence can turn out to be

the best thing ever to happen to humanity making our future wonderful almost beyond imagination but only if we address head on the challenges that it will raise calum chace is a best selling author of fiction and non fiction books and articles focusing on the subject of artificial intelligence he is a regular speaker on artificial intelligence and related technologies and runs a blog on the subject at pandoras brain com prior to becoming a full time writer and speaker he spent 30 years in business as a marketer a strategy consultant and a ceo he studied philosophy at oxford university where he discovered that the science fiction he had been reading since boyhood was simply philosophy in fancy dress

Peran AI dalam Dunia Pendidikan

2023-12-28

from oxford s leading ai researcher comes a fun and accessible tour through the history and future of one of the most cutting edge and misunderstood field in science artificial intelligence the somewhat ill defined long term aim of ai is to build machines that are conscious self aware and sentient machines capable of the kind of intelligent autonomous action that currently only people are capable of as an ai researcher with 25 years of experience professor mike wooldridge has learned to be obsessively cautious about such claims while still promoting an intense optimism about the future of the field there have been genuine scientific breakthroughs that have made ai systems possible in the past decade that the founders of the field would have hailed as miraculous driverless cars and automated translation tools are just two examples of ai technologies that have become a practical everyday reality in the past few years and which will have a huge impact on our world while the dream of conscious machines remains professor wooldridge believes a distant

prospect the floodgates for ai have opened wooldridge s a brief history of artificial intelligence is an exciting romp through the history of this groundbreaking field a one stop shop for ai s past present and world changing future

Artificial Intelligence

1980-04-01

seperti yang kita ketahui zaman sekarang hampir semuanya dapat dilakukan secara cepat dan mudah dengan bantuan teknologi salah satunya adalah artifical intellegence kecerdasan buatan atau biasa dikenal dengan sebutan ai ai sudah tidak asing lagi dalam bidang akademik seluruh kegiatan dalam bidang akademik dapat dimudahkan oleh ai sehingga pelajar menjadi konsumen tertinggi dalam penggunaan ai ini oleh karena itu penulis menulis buku yang berjudul jembatan ilmu ai dalam konteks akademik untuk masa depan pendidikan yang akan membahas berbagai hal penting yang perlu diketahui dalam penggunaan ai di bidang akademik mulai dari manfaat kekurangan hingga dampak negatifnya

Artificial Intelligence Today

1999-08-18

over the coming decades artificial intelligence will profoundly impact the way we live work wage war play seek a mate educate our young and care for our elderly it is likely to greatly increase our aggregate wealth but it will also upend our labor markets reshuffle our social order and strain our

private and public institutions eventually it may alter how we see our place in the universe as machines pursue goals independent of their creators and outperform us in domains previously believed to be the sole dominion of humans whether we regard them as conscious or unwitting revere them as a new form of life or dismiss them as mere clever appliances is beside the point they are likely to play an increasingly critical and intimate role in many aspects of our lives the emergence of systems capable of independent reasoning and action raises serious questions about just whose interests they are permitted to serve and what limits our society should place on their creation and use deep ethical questions that have bedeviled philosophers for ages will suddenly arrive on the steps of our courthouses can a machine be held accountable for its actions should intelligent systems enjoy independent rights and responsibilities or are they simple property who should be held responsible when a self driving car kills a pedestrian can your personal robot hold your place in line or be compelled to testify against you if it turns out to be possible to upload your mind into a machine is that still you the answers may surprise you

Exploring Artificial Intelligence

1988

A Human Algorithm

2020-10-15

Artificial Intelligence and the Two Singularities

2018-04-20

A Brief History of Artificial Intelligence

2021-01-19

Jembatan ilmu : AI dalam konteks akademis untuk masa depan pendidikan

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