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GAME ~~Dr. Andrew Hodges — Alan~~
~~Turing: The Enigma London~~
~~Turing Lecture 2017~~ Alan Turing,
The Imitation Game and the true
story of the codebreakers at
Bletchley Park ~~Alan Turing: Crash~~

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~~Turing's genius Andrew Hodges:~~

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Imitation Game Prof: Alan Turing

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CCS: The Other Alan Turing,
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Alan Turing's early life scenes in
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Age for Computer Architectures |
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Professional Talk on AI and Ethics
by BCS President - Part 1 Alan
Turing Bcs

Alan Mathison Turing
(1912 – 1954), OBE FRS, has a
rightful claim to the title of father
of modern computing. He laid the
theoretical groundwork for a

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universal machine that models a computer in its most general form before World War II.

Alan Turing: "The Founder of Computer Science" - BCS ...

Alan Turing Year 2012 continues apace with a variety of events

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inspired by the great contribution made by the mathematician and code breaker to the history of computer science and modern biology. This month we continue to explore Turing ' s influence on the strand of art that is interested in the intersection of arts and

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technology. Due to the secret nature of the work Turing (and others) did ...

Remembering Alan Turing | BCS -
The Chartered Institute for IT
About Alan Turing Alan Turing
(1912 – 1954) was a mathematician,

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computer scientist, philosopher, theoretical biologist and WW2 code-breaker. He 's widely recognised as the ' father of modern computing ' - his creativity and vision has made the computer revolution possible.

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Turing Talk | BCS - The Chartered Institute for IT
Alan Turing A gay man born before his time and also a parent of modern computing, Alan Turing is a vivid role model whose story is inspirational and also a potent warning.

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Alan Turing | BCS - The Chartered Institute for IT
Eventbrite - BCS, The Chartered Institute for IT presents Alan Turing: "The Founder of Computer Science" - BCS Berkshire -
Wednesday, 27 November 2019 at

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The Curious Lounge, Reading, England. Find event and ticket information. This talk explores Alan Turing ' s life, achievements and legacy. Turing was instrumental in developing and influencing computing devices that have been said to have ...

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Alan Turing: "The Founder of Computer Science" - BCS ...
Secret wartime projects in code-breaking, radar and ballistics produced a wealth of ideas and technologies that kick-started the development of digital computers.

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Alan Turing took an early lead on the theory side, along with fellow mathematicians on both sides of the Atlantic.

BCS

‘ Alan Turing, the so-called father of computer science, was

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nominated by a lot of the public, but it wasn't a popularity contest. We looked at every single one of those 989 nominations as a committee; including mathematicians, astronomers, chemists, physicists... and after some very interesting debates, we

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chose a shortlist of 12.

New £50 note celebrates
Turing 's achievements | BCS -
The ...

An Artistic Turing Test Alan
Turing, the centenary of whose
birth we are celebrating this year,

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had an important influence on artists. He has often been called one of the greatest minds Britain has ever produced - his theory of computation and formalisation of the concept of the algorithm laid down the scientific basis for the digital age.

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The Chartered Institute for IT
Kate Russell presents Alan Turing,
who, amongst his many
innovations in the world of
computer science, also had the
vision to give us the basis of

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artificial intelligence. Dom Joly -
Sir Tim Berners-Lee Dom Joly
presents Sir Tim Berners-Lee, the
man who invented the world wide
web and all of the freedom that
comes with it.

Information pioneers | BCS - The

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Kate Russell - Alan Turing Dr.

Andrew Hodges — Alan Turing:

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dropshipacademy.id

Alan Mathison Turing OBE FRS (/ˈtjʊər ɪŋ/; 23 June 1912 – 7 June 1954) was an English mathematician, computer scientist, logician, cryptanalyst, philosopher, and theoretical biologist. Turing was highly influential in the

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development of theoretical computer science, providing a formalisation of the concepts of algorithm and computation with the Turing machine, which can be ...

Alan Turing - Wikipedia

Alan Turing was not a well known

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figure during his lifetime. But today he is famous for being an eccentric yet passionate British mathematician, who conceived modern computing and played a crucial...

Alan Turing: Creator of modern

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BCS – The Turing Trust

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Secret wartime projects in code-breaking, radar and ballistics produced a wealth of ideas and technologies that kick-started the development of digital computers. Alan Turing took an early lead on the theory side, along with fellow mathematicians on both sides of

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the Atlantic.

Alan Turing and his
Contemporaries - British Computer
Society

Alan Turing was clearly a man
ahead of his time. In 1950, at the
dawn of computing, he was already

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grappling with the question: "Can machines think?" This was at a time when the first general purpose computers had only just been built. The term artificial intelligence had not even been coined. John McCarthy would come up with the term in 1956, two

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years after Alan Turing's untimely death. Yet ...

How the Turing Test inspired AI -
techcit.blogspot.com

It was great to be invited to attend the annual Turing lecture and to be able to present the work of the

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Turing Trust. But it was even better to have the privilege of hearing such a thought provoking lecture from Dr Guruduth Banavar, IBM Vice-President of Cognitive Computing and leader of the worldwide team creating Watson. The breadth of vision about how

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the technology could be used to ...

The amazing BCS / IET annual
Turing lecture - The Turing Trust
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Page 4/11. Download Free Alan Turing Bcs Founder of Computer Science" - BCS Berkshire - Wednesday, 27 November 2019 at The Curious Lounge, Reading, England. Find event and ticket information. This talk explores Alan Turing ' s life, achievements

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and legacy. Turing was instrumental in ...

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Alan Turing is the newest face of the £50 note. Turing, who was

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named the most "iconic" figure of the 20th Century earlier this year, will be on the new design of the Bank of England's note. This...

Imagine a Britain where the most

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important sites of historical significance are replaced with housing estates and supermarkets. Imagine a Britain without Bletchley Park, where Alan Turing and a team of codebreakers changed the course of World War II and where thousands of women inspired

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future generations with their work in the fields of computing and technology. Now imagine a group of extraordinary people, who--70 years after the birth of the modern computer at Bletchley Park--used technology to spark a social media campaign that helped secure its

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future and transform it into the world-class heritage and education center it deserves to be. This is a story about saving Bletchley Park. But it is also the story of the hundreds of people who dedicated 20 years of hard work and determination to the campaign that

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saved it. It is a testament to the remarkable and mysterious work during World War II that made it a place worth saving. It is a book about campaigners, veterans, enthusiasts, computer geeks, technology, Twitter, trees and Stephen Fry stuck in an elevator.

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And finally, it is a story about preserving the past for the generations of tomorrow.

Secret wartime projects in code-breaking, radar and ballistics produced a wealth of ideas and technologies that kick-started the

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development of digital computers. This is the story of the people and projects that flourished in the post-war period. By 1955 computers had begun to appear in the marketplace. The Information Age was dawning and Alan Turing and his contemporaries held centre stage.

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Their influence is still discernable deep down within today's hardware and software.

Imagine a Britain where the most important sites of historical significance are replaced with housing estates and

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supermarkets... Imagine a Britain without Bletchley Park, where Alan Turing and a team of code breakers changed the course of World War II and where thousands of women inspired future generations with their work in the fields of computing and

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technology... Now imagine a group of extraordinary people, who – seventy years after the birth of the modern computer at Bletchley Park – used technology to spark a social media campaign that helped secure its future and transform it into the world-class heritage and

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and Best in Physical Sciences & Mathematics, also from the AAP, readers will find many of the most significant contributions from the four-volume set of the Collected Works of A. M. Turing. These contributions, together with commentaries from current

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experts in a wide spectrum of fields and backgrounds, provide insight on the significance and contemporary impact of Alan Turing's work. Offering a more modern perspective than anything currently available, Alan Turing: His Work and Impact gives wide

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coverage of the many ways in which Turing's scientific endeavors have impacted current research and understanding of the world. His pivotal writings on subjects including computing, artificial intelligence, cryptography, morphogenesis, and

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more display continued relevance and insight into today's scientific and technological landscape. This collection provides a great service to researchers, but is also an approachable entry point for readers with limited training in the science, but an urge to learn more

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about the details of Turing's work.
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Additional resources available online

Can you tell the difference between talking to a human and talking to a machine? Or, is it possible to create a machine which is able to converse like a human?

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In fact, what is it that even makes us human? Turing's Imitation Game, commonly known as the Turing Test, is fundamental to the science of artificial intelligence. Involving an interrogator conversing with hidden identities, both human and machine, the test

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strikes at the heart of any questions about the capacity of machines to behave as humans. While this subject area has shifted dramatically in the last few years, this book offers an up-to-date assessment of Turing's Imitation Game, its history, context and

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implications, all illustrated with practical Turing tests. The contemporary relevance of this topic and the strong emphasis on example transcripts makes this book an ideal companion for undergraduate courses in artificial intelligence, engineering or

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computer science.

Alan Turing has long proved a subject of fascination, but following the centenary of his birth in 2012, the code-breaker, computer pioneer, mathematician (and much more) has become even

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more celebrated with much media coverage, and several meetings, conferences and books raising public awareness of Turing's life and work. This volume will bring together contributions from some of the leading experts on Alan Turing to create a comprehensive

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guide to Turing that will serve as a useful resource for researchers in the area as well as the increasingly interested general reader. The book will cover aspects of Turing's life and the wide range of his intellectual activities, including mathematics,

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code-breaking, computer science, logic, artificial intelligence and mathematical biology, as well as his subsequent influence.

The computer unlike other inventions is universal; you can use a computer for many tasks:

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writing, composing music, designing buildings, creating movies, inhabiting virtual worlds, communicating... This popular science history isn't just about technology but introduces the pioneers: Babbage, Turing, Apple's Wozniak and Jobs, Bill Gates, Tim

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Berners-Lee, Mark Zuckerberg.
This story is about people and the changes computers have caused. In the future ubiquitous computing, AI, quantum and molecular computing could even make us immortal. The computer has been a radical invention. In less than a

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single human life computers are transforming economies and societies like no human invention before.

This book explores how digital culture is transforming museums in the 21st century. Offering a

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corpus of new evidence for readers to explore, the authors trace the digital evolution of the museum and that of their audiences, now fully immersed in digital life, from the Internet to home and work. In a world where life in code and digits has

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redefined human information behavior and dominates daily activity and communication, ubiquitous use of digital tools and technology is radically changing the social contexts and purposes of museum exhibitions and collections, the work of museum

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professionals and the expectations of visitors, real and virtual. Moving beyond their walls, with local and global communities, museums are evolving into highly dynamic, socially aware and relevant institutions as their connections to the global digital ecosystem are

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strengthened. As they adopt a visitor-centered model and design visitor experiences, their priorities shift to engage audiences, convey digital collections, and tell stories through exhibitions. This is all part of crafting a dynamic and innovative museum identity of the

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future, made whole by seamless integration with digital culture, digital thinking, aesthetics, seeing and hearing, where visitors are welcomed participants. The international and interdisciplinary chapter contributors include digital artists, academics, and museum

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professionals. In themed parts the chapters present varied evidence-based research and case studies on museum theory, philosophy, collections, exhibitions, libraries, digital art and digital future, to bring new insights and perspectives, designed to inspire

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readers. Enjoy the journey!

"Following his blockbuster biography of Steve Jobs, *The Innovators* is Walter Isaacson's revealing story of the people who created the computer and the Internet. It is destined to be the

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standard history of the digital revolution and an indispensable guide to how innovation really happens. What were the talents that allowed certain inventors and entrepreneurs to turn their visionary ideas into disruptive realities? What led to their

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creative leaps? Why did some succeed and others fail? In his masterly saga, Isaacson begins with Ada Lovelace, Lord Byron's daughter, who pioneered computer programming in the 1840s. He explores the fascinating personalities that created our

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current digital revolution, such as Vannevar Bush, Alan Turing, John von Neumann, J.C.R. Licklider, Doug Engelbart, Robert Noyce, Bill Gates, Steve Wozniak, Steve Jobs, Tim Berners-Lee, and Larry Page. This is the story of how their minds worked and what made them

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so inventive. It's also a narrative of how their ability to collaborate and master the art of teamwork made them even more creative. For an era that seeks to foster innovation, creativity, and teamwork, *The Innovators* shows how they happen" --

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This book is directed toward the numerical integration (solution) of a system of partial differential equations (PDEs) that describes a combination of chemical reaction and diffusion, that is, reaction-diffusion PDEs. The particular

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form of the PDEs corresponds to a system discussed by Alan Turing and is therefore termed a Turing model. Specifically, Turing considered how a reaction-diffusion system can be formulated that does not have the usual smoothing properties of a diffusion

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(dispersion) system, and can, in fact, develop a spatial variation that might be interpreted as a form of morphogenesis, so he termed the chemicals as morphogens.

Turing alluded to the important impact computers would have in the study of a morphogenic PDE

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system, but at the time (1952), computers were still not readily available. Therefore, his paper is based on analytical methods.

Although computers have since been applied to Turing models, computer-based analysis is still not facilitated by a discussion of

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numerical algorithms and a readily available system of computer routines. The intent of this book is to provide a basic discussion of numerical methods and associated computer routines for reaction-diffusion systems of varying form. The presentation has a minimum of

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formal mathematics. Rather, the presentation is in terms of detailed examples, presented at an introductory level. This format should assist readers who are interested in developing computer-based analysis for reaction-diffusion PDE systems without

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having to first study numerical methods and computer programming (coding). The numerical examples are discussed in terms of: (1) numerical integration of the PDEs to demonstrate the spatiotemporal features of the solutions and (2) a

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numerical eigenvalue analysis that corroborates the observed temporal variation of the solutions. The resulting temporal variation of the 2D and 3D plots demonstrates how the solutions evolve dynamically, including oscillatory long-term behavior. In all of the

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examples, routines in R are presented and discussed in detail. The routines are available through a download link so that the reader can execute the PDE models to reproduce the reported solutions, then experiment with the models, including extensions and

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application to alternative models.

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