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# ALAN TURING: THE ENIGMA

THE BOOK THAT INSPIRED THE FILM  
THE IMITATION GAME

VINTAGE

# Alan Turing The Enigma

**Andrew Hodges**



## **Alan Turing The Enigma:**

Alan Turing Andrew Hodges,1992 Includes a new foreword by the author and a preface by Douglas Hofstadter Alan Turing was the extraordinary Cambridge mathematician who masterminded the cracking of the German Enigma ciphers and transformed the Second World War But his vision went far beyond this crucial achievement Before the war he had formulated the concept of the universal machine and in 1945 he turned this into the first design for a digital computer Turing s far sighted plans for the digital era forged ahead into a vision for Artificial Intelligence However in 1952 his homosexuality rendered him a criminal and he was subjected to humiliating treatment In 1954 aged 41 Alan Turing committed suicide and one of Britain s greatest scientific minds was lost Alan Turing Andrew Hodges,1983 A gripping story of mathematics science computing war history cryptography and homosexual persecution and liberation Hodges tells how Turing s revolutionary idea of 1936 the concept of a universal machine laid the foundation for the modern computer Turing brought the idea to practical realization in 1945 with his electronic design This work was directly related to Turing s leading role in breaking the German Enigma ciphers during World War II a scientific triumph that was critical to Allied victory in the Atlantic Despite his wartime service Turing was eventually arrested stripped of his security clearance and forced to undergo a humiliating treatment program all for trying to live honestly in a society that defined homosexuality as a crime This New York Times bestselling biography of the founder of computer science and artificial intelligence is the definitive account of an extraordinary mind and life Excerpted from 2014 version published by Princeton University Press **Alan Turing** Andrew Hodges,2014-11-19 The official book behind the film The Imitation Game this is a dramatic portrayal of the life and work of Alan Turing one of Britain s most extraordinary unsung heroes and one of the world s greatest innovators This is the official story that has inspired the British film The Imitation Game a nail biting race against time following Alan Turing the pioneer of modern day computing and credited with cracking the German Enigma code and his brilliant team at Britain s top secret code breaking centre Bletchley Park during the darkest days of World War II Turing whose contributions and genius significantly shortened the war saving thousands of lives was the eventual victim of an unenlightened British establishment but his work and legacy live on Prime Minister Gordon Brown released a statement of apology in 2009 on behalf of the British government for the appalling treatment of Turing **Alan Turing, Enigma** Andrew Hodges,1989 **Alan Turing** Nigel Cawthorne,2014-09-14 Spring 1940 The Battle of the Atlantic rages Vulnerable merchant convoys are at the mercy of German U boats controlled by a cunning system of coded messages created by a machine called Enigma Only one man believes that these codes can be broken mathematician and Bletchley Park cryptanalyst Alan Turing Winston Churchill later described Turing s success in breaking the Enigma codes as the single biggest contribution to victory against Nazi Germany Unheralded during his lifetime Turing is now recognized as the father of modern computer science and as possessing one of the greatest minds of the 20th century Drawing on original source material interviews and photographs this book explores

Turing's groundbreaking work as well as revealing the private side of a complex and unlikely national hero *Alan Turing* Andrew Hodges, 1983 Alan Turing David Boyle, 2014 *Alan Turing* Andrew Hodges, Douglas R. Hofstadter, 2012 It is only a slight exaggeration to say that the British mathematician Alan Turing 1912-1954 saved the Allies from the Nazis invented the computer and artificial intelligence and anticipated gay liberation by decades all before his suicide at age forty-one This New York Times bestselling biography of the founder of computer science with a new preface by the author that addresses Turing's royal pardon in 2013 is the definitive account of an extraordinary mind and life Amazon.com **Alan Turing** Andrew Hodges, 1989 The Alan Turing Andrew Hodges, 2014 This film tie-in tells the true story behind the nail-biting race against time following Alan Turing pioneer of modern day computing and credited with cracking the German Enigma code and his brilliant team at Britain's top secret code breaking centre Bletchley Park during the darkest days of World War II Turing whose contributions and genius significantly shortened the war saving thousands of lives was the eventual victim of an unenlightened British establishment but his work and legacy live on In 1954 aged 41 Alan Turing committed suicide and one of Britain's greatest scientific minds was lost **Alan Turing** David E. Newton, 2003-07-08 Alan Turing ranks as one of the most brilliant of twentieth century mathematicians He is perhaps best known as one of the founding fathers of two fields of mathematics with enormous implications in the modern world computer science and artificial intelligence In addition Turing's work in decoding the German spy machine known as the Enigma was arguably one of the most important accomplishments in bringing World War II to a successful conclusion for the United States Great Britain and their Allies **Alan Turing: Enigma** Anna Revell, 2017-08-10 Alan Turing Enigma The Incredible True Story of the Man Who Cracked The Code If you have ever used a computer you owe that joy to Alan Turing Turing is known by many as the Father of the Modern Computer for his conception of the theoretical stored memory machine known as the Turing Machine and for the subsequent implementation of this idea in the creation of some of the world's first working computers the Automatic Computing Engine and the Manchester Mark 1 Impressive as they are though Turing's contributions to computer science are not necessarily his most famous or influential projects Alan Turing was one of the most significant figures in the Allied victory of World War Two thanks to his ingenious code breaking skills and the invention of the British Bombe at Bletchley Park In his later life Turing even dabbled in artificial intelligence and biology creating concepts that are still being investigated today Until recently Alan Turing had often been overlooked as an important figure in history Thanks to in-depth biographies like Andrew Hodges *Alan Turing The Enigma* and film depictions of Turing's life like *The Imitation Game* based on Hodges book Alan Turing is quickly becoming a household name as people begin to recognize that his contributions to various fields were so influential they actually changed the course of human history **Turing** Fergus Mason, 2014-06-23 Hundreds of movies and thousands of books have been written about the heroes of World War II For dozens of years however few people knew about one of the greatest heroes of the war a mild-mannered eccentric

mathematician from the University of Cambridge This man an undeniable genius whose later life was plagued by controversy and tragedy probably played a greater role in the eventual Allied victory than anyone else Until quite recently his contribution to the war effort was barely recognized Everyone's heard of Churchill Eisenhower Montgomery Patton and even de Gaulle but far fewer have ever heard of Alan Turing This is his incredible story Alan Turing Dr Andrew Hodges, 2015-02 Japanese edition of Alan Turing The Enigma The Book That Inspired the Film The Imitation Game British mathematician Alan Turing is history's greatest cryptanalyst and father of computer science who broke the impossible Enigma code but his was a life also demonized for his homosexuality Major Oscar winning motion picture Imitation Game In Japanese Annotation copyright Tsai Fong Books Inc Distributed by Tsai Fong Books Inc *Alan Turing Decoded* Dermot Turing, 2021-11-04 Alan Turing was an extraordinary man who crammed into his 42 years the careers of mathematician codebreaker computer scientist and biologist He is widely regarded as a war hero grossly mistreated by his unappreciative country and it has become hard to disentangle the real man from the story Now Dermot Turing has taken a fresh look at the influences on his uncle's life and creativity and the creation of a legend He discloses the real character behind the cipher text answering questions that help the man emerge from his legacy how did Alan's childhood experiences influence him How did his creative ideas evolve Was he really a solitary genius What was his wartime work after 1942 and what of the Enigma story What is the truth about the conviction for gross indecency and did he commit suicide In *Alan Turing Decoded* Dermot's vibrant and entertaining approach to the life and work of a true genius makes this a fascinating and authoritative read

Alan Turing Andrew Hodges, Douglas Hofstadter, 2012 It is only a slight exaggeration to say that the British mathematician Alan Turing 1912-1954 saved the Allies from the Nazis invented the computer and artificial intelligence and anticipated gay liberation by decades all before his suicide at age forty one This classic biography of the founder of computer science reissued on the centenary of his birth with a substantial new preface by the author is the definitive account of an extraordinary mind and life A gripping story of mathematics computers cryptography and homosexual persecution Andrew Hodges's acclaimed book captures both the inner and outer drama of Turing's life Hodges tells how Turing's revolutionary idea of 1936 the concept of a universal machine laid the foundation for the modern computer and how Turing brought the idea to practical realization in 1945 with his electronic design The book also tells how this work was directly related to Turing's leading role in breaking the German Enigma ciphers during World War II a scientific triumph that was critical to Allied victory in the Atlantic At the same time this is the tragic story of a man who despite his wartime service was eventually arrested stripped of his security clearance and forced to undergo a humiliating treatment program all for trying to live honestly in a society that defined homosexuality as a crime **X, Y and Z** Dermot Turing, 2018-09-03 December 1932 In the bathroom of a Belgian hotel a French spymaster photographs top secret documents the operating instructions of the cipher machine Enigma A few weeks later a mathematician in Warsaw begins to decipher the coded communications of the Third

Reich and lays the foundations for the code breaking operation at Bletchley Park The co operation between France Britain and Poland is given the cover name X Y Z December 1942 It is the middle of World War Two The Polish code breakers have risked their lives to continue their work inside Vichy France even as an uncertain future faces their homeland Now they are on the run from the Gestapo People who know the Enigma secret are not supposed to be in the combat zone so MI6 devises a plan to exfiltrate them If it goes wrong if they are caught the consequences could be catastrophic for the Allies Based on original research and newly released documents X Y Z is the exhilarating story of those who risked their lives to protect the greatest secret of World War Two     *Alan Turing* Jim Corrigan,2007-05 In 1940 as World War II raged in Europe a twenty eight year old British mathematician named Alan Turing quietly worked to unravel the mystery of the German Enigma cipher Turing s success in breaking Enigma gave the Allies unprecedented access to Nazi secrets and helped influence the outcome of the war In the years that followed Turing joined the race to build the world s first electronic programmable computers Alan Turing is widely recognized today as the father of computer science Mathematician codebreaker computer scientist philosopher and biologist Alan Turing was all of these Yet the extraordinary feats stand in sharp contrast to the shy hesitant person who accomplished them His untimely death in 1954 went largely unnoticed around the world Only later would Alan Turing s groundbreaking contributions to math and science be fully appreciated Book jacket     Alan Turing ,2010     **The Bletchley Park Enigma** Alan Johnson,Amanda Strickland,2014-11-03 Are you a movie fan looking forward to seeing The Imitation Game starring Benedict Cumberbatch Or a World War II buff with a particular interest in code breaking Alan Turing the man who Winston Churchill described as the single biggest contributor to the Allied victory over the Nazis was a genius of our lifetime and father of the modern day computer That we can now sit and read books on a computer screen is largely thanks to his early work developing the world s first computer His code breaking efforts during the Second World War are thought to have brought forward the end of the war by two years a remarkable achievement Recently recognition of Turing s work has exploded Bletchley Park where Turing worked during WWII has been restored It now acts as a major tourist destination and place of historical interest Turing s story has also now been dramatized in a major new movie starring actor of the moment Benedict Cumberbatch The Imitation Game has received rave early reviews and is currently on short lists for Oscar success Cumberbatch best known to us as the inimitable detective in the British TV series Sherlock brings this intriguing and heroic man to life with his own unique acting style In doing so he tells his story to a generation who need to know just what he achieved and how much he changed the world But what was this strange socially awkward man painfully inept at the common niceties of life really about The Bletchley Park Enigma 200 Facts on the Story of Alan Turing That Inspired the Smash Hit Movie The Imitation Game Starring Benedict Cumberbatch details the real life story of Alan Turing his ground breaking work his complexities the ultimate tragedy of his life and his posthumous success You will learn about His early work Code breaking at Bletchley Park The post war years The tragedy of his personal life Efforts to pardon him and

honor his work News about The Imitation Game and Benedict Cumberbatch All this put down in a rapid reading format so that you can absorb it super quick This is a great companion book to the movie Don t delay Pick Up Your Copy of The Bletchley Park Enigma 200 Facts on the Story of Alan Turing That Inspired the Smash Hit Movie The Imitation Game Starring Benedict Cumberbatch Right Away

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## **Table of Contents Alan Turing The Enigma**

1. Understanding the eBook Alan Turing The Enigma
  - The Rise of Digital Reading Alan Turing The Enigma
  - Advantages of eBooks Over Traditional Books
2. Identifying Alan Turing The Enigma
  - Exploring Different Genres
  - Considering Fiction vs. Non-Fiction
  - Determining Your Reading Goals
3. Choosing the Right eBook Platform
  - Popular eBook Platforms
  - Features to Look for in an Alan Turing The Enigma
  - User-Friendly Interface
4. Exploring eBook Recommendations from Alan Turing The Enigma
  - Personalized Recommendations
  - Alan Turing The Enigma User Reviews and Ratings
  - Alan Turing The Enigma and Bestseller Lists
5. Accessing Alan Turing The Enigma Free and Paid eBooks
  - Alan Turing The Enigma Public Domain eBooks
  - Alan Turing The Enigma eBook Subscription Services
  - Alan Turing The Enigma Budget-Friendly Options
6. Navigating Alan Turing The Enigma eBook Formats



- ePub, PDF, MOBI, and More
- Alan Turing The Enigma Compatibility with Devices
- Alan Turing The Enigma Enhanced eBook Features
- 7. Enhancing Your Reading Experience
  - Adjustable Fonts and Text Sizes of Alan Turing The Enigma
  - Highlighting and Note-Taking Alan Turing The Enigma
  - Interactive Elements Alan Turing The Enigma
- 8. Staying Engaged with Alan Turing The Enigma
  - Joining Online Reading Communities
  - Participating in Virtual Book Clubs
  - Following Authors and Publishers Alan Turing The Enigma
- 9. Balancing eBooks and Physical Books Alan Turing The Enigma
  - Benefits of a Digital Library
  - Creating a Diverse Reading Collection Alan Turing The Enigma
- 10. Overcoming Reading Challenges
  - Dealing with Digital Eye Strain
  - Minimizing Distractions
  - Managing Screen Time
- 11. Cultivating a Reading Routine Alan Turing The Enigma
  - Setting Reading Goals Alan Turing The Enigma
  - Carving Out Dedicated Reading Time
- 12. Sourcing Reliable Information of Alan Turing The Enigma
  - Fact-Checking eBook Content of Alan Turing The Enigma
  - Distinguishing Credible Sources
- 13. Promoting Lifelong Learning
  - Utilizing eBooks for Skill Development
  - Exploring Educational eBooks
- 14. Embracing eBook Trends
  - Integration of Multimedia Elements
  - Interactive and Gamified eBooks

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