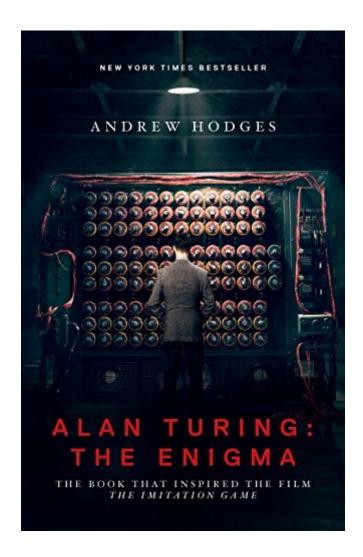
## The book was found

# Alan Turing: The Enigma: The Book That Inspired The Film "The Imitation Game"





# **Synopsis**

A NEW YORK TIMES BESTSELLERThe official book behind the Academy Award-winning film The Imitation Game, starring Benedict Cumberbatch and Keira Knightleylt 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 Timesâ "bestselling biography of the founder of computer science, with a new preface by the author that addresses Turingâ ™s royal pardon in 2013, is the definitive account of an extraordinary mind and life. Capturing both the inner and outer drama of Turingâ ™s life, Andrew Hodges tells how Turingâ ™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 Turingâ ™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 account 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. The inspiration for a major motion picture starring Benedict Cumberbatch and Keira Knightley, Alan Turing: The Enigma is a gripping story of mathematics, computers, cryptography, and homosexual persecution.

## **Book Information**

File Size: 6674 KB

Print Length: 762 pages

Page Numbers Source ISBN: B01HP0CLZO

Publisher: Princeton University Press; Updated edition with a New preface by the author edition

(November 10, 2014)

Publication Date: November 10, 2014

Language: English

ASIN: B00M032W92

Text-to-Speech: Enabled

X-Ray: Enabled

Word Wise: Enabled

Lending: Not Enabled

Enhanced Typesetting: Enabled

Best Sellers Rank: #32,514 Paid in Kindle Store (See Top 100 Paid in Kindle Store) #15 in Books > Biographies & Memoirs > Professionals & Academics > Computers & Technology #15 in Books > Computers & Technology > History & Culture > History #17 in Books > Science & Math > Mathematics > History

### Customer Reviews

Without this book, the real Alan Turing might fade into obscurity or at least the easy caricature of an eccentric British mathematician. And to the relief of many, because Turing was a difficult person: an unapologetic homosexual in post-victorian england; ground-breaking mathematician; utterly indifferent to social conventions; arrogantly original (working from first principles, ignoring precedents); with no respect for professional boundaries (a 'pure' mathematician who taught himself engineering and electronics). His best-known work is his 1936 'Computable Numbers' paper, defining a self-modifying, stored-program machine. He used these ideas to help build code-breaking methods and machinery at Bletchley Park, England's WWII electronic intelligence center. This work, much still classified today, led directly to the construction of the world's first stored-program, self-modifying computer, in 1948. Computers were always symbol-manipulators to Alan, not 'number crunchers', the predominant view even to von Neumann, and into the 60's and 70's. He designed many basic software concepts (interpreter, floating point), most of which were ignored (he umm wasn't exactly good at promoting his ideas). By 1948 Alan had moved on to studying human and machine intelligence, as a user of computers, again with his lack of social niceties and radical thinking, some of his ideas were baffling or embarrassing until 'rediscovered' decades later as brilliant insights into intelligence. His 'Turing test' of intelligence dates from this period, and is still widely misunderstood.

Without this book, the real Alan Turing might fade into obscurity or at least the easy caricature of an eccentric British mathematician. And to the relief of many, because Turing was a difficult person: an unapologetic homosexual in post-victorian england; ground-breaking mathematician; utterly indifferent to social conventions; arrogantly original (working from first principles, ignoring precedents); with no respect for professional boundaries (a 'pure' mathematician who taught himself engineering and electronics). His best-known work is his 1936 'Computable Numbers' paper, defining a self-modifying, stored-program machine. He used these ideas to help build code-breaking methods and machinery at Bletchley Park, England's WWII electronic intelligence center. This work, much still classified today, led directly to the construction of the world's first stored-program,

self-modifying computer, in 1948.Computers were always symbol-manipulators, to Alan, not 'number crunchers', the predominant view even to von Neumann, and into the 60's and 70's. He designed many basic software concepts (interpreter, floating point), most of which were ignored (he wasn't exactly good at promoting his ideas). By 1948 Alan had moved on to studying human and machine intelligence, as a user of computers, again with his lack of social niceties and radical thinking, some of his ideas were baffling or embarrassing until 'rediscovered' decades later as brilliant insights into intelligence. His 'Turing test' of intelligence dates from this period, and is still widely misunderstood.

#### Download to continue reading...

Alan Turing: The Enigma: The Book That Inspired the Film "The Imitation Game" The Annotated Turing: A Guided Tour Through Alan Turing's Historic Paper on Computability and the Turing Machine The Imitation Game: Alan Turing Decoded Turing: The Tragic Life of Alan Turing Alan Turing: Unlocking the Enigma (Kindle Single) Alan Turing: The Enigma Alan Turing (Profiles in Mathematics) The Man Who Knew Too Much: Alan Turing and the Invention of the Computer The Man Who Knew Too Much: Alan Turing and the Invention of the Computer (Great Discoveries series) Alan's War: The Memories of G.I. Alan Cope Turing's Cathedral: The Origins of the Digital Universe Turing: Pioneer of the Information Age Music Composition for Film and Television (Music Composition: Film Scoring) History on Film/Film on History (History: Concepts,Theories and Practice) Latino Images in Film: Stereotypes, Subversion, and Resistance (Texas Film and Media Studies Series) Woody Allen Film by Film The Producer's Business Handbook: The Roadmap for the Balanced Film Producer (American Film Market Presents) The Parthenon Enigma: a New Understanding of the West's Most Iconic Building and the People Who Made It. Rosslyn Chapel Decoded: New Interpretations of a Gothic Enigma Enigma Variations and Pomp and Circumstance Marches in Full Score (Dover Music Scores)

<u>Dmca</u>