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*By examining linguistic variation in  
Aristophanic comedy, Andreas Willi*

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*opens up a new perspective on intra-dialectal diversity in Classical Attic Greek. A representative range of registers, technical languages, sociolects, and (comic) idiolects is described and analysed. Stylistic and statistical observations are*

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*combined and supplemented by  
typological comparisons with  
material drawn from sociolinguistic  
research on modern languages. The  
resulting portrayal of the Attic  
dialect deepens our understanding  
of various socio-cultural phenomena*

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*reflected in Aristophanes' work, such as the spread of 'sophistic' culture, the re-evaluation of gender roles, and the status of foreigners in Athenian society.*

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*ordered by probability - a differential diagnosis. Experienced consultants who teach trainees every day demonstrate how to derive an ordered differential diagnosis, how to narrow this down to a single diagnosis and if not, how to live with*



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*diagnostic uncertainty. The final section provides a comprehensive account of the management of system-based syndromes and diseases. Highly-structured chapters emphasize how common conditions present, how to approach a*

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*diagnosis, and how to estimate prognosis, treatment and its effectiveness. An onus is placed on the development of crucial diagnostic skills and the ability to devise evidence-based management plans quickly and accurately,*

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background and guides the reader through the selection. About Alan Turing Alan Turing FRS OBE, (1912-1954) studied mathematics at King's College, Cambridge. He

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was elected a Fellow of King's in March 1935, at the age of only 22. In the same year he invented the abstract computing machines - now known simply as Turing

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machines - on which all subsequent stored-program digital computers are modelled. During 1936-1938 Turing continued his studies, now at Princeton

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University. He completed a PhD in mathematical logic, analysing the notion of 'intuition' in mathematics and introducing the idea of oracular computation,

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now fundamental in  
mathematical recursion  
theory. An 'oracle' is  
an abstract device able  
to solve mathematical  
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machine. In the summer of 1938 Turing returned to his Fellowship at King's. When WWII started in 1939 he joined the wartime headquarters of the

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Government Code and  
Cypher School (GC&CS) at  
Bletchley Park,  
Buckinghamshire.

Building on earlier work  
by Polish cryptanalysts,  
Turing contributed

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crucially to the design of electro-mechanical machines ('bombes') used to decipher Enigma, the code by means of which the German armed forces sought to protect their



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radio communications.

Turing's work on the version of Enigma used by the German navy was vital to the battle for supremacy in the North Atlantic. He also

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contributed to the attack on the cyphers known as 'Fish'. Based on binary teleprinter code, Fish was used during the latter part of the war in preference

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to morse-based Enigma for the encryption of high-level signals, for example messages from Hitler and other members of the German High Command. It is estimated

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that the work of GC&CS shortened the war in Europe by at least two years. Turing received the Order of the British Empire for the part he played. In 1945, the war

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over, Turing was recruited to the National Physical Laboratory (NPL) in London, his brief to design and develop an electronic computer - a

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concrete form of the universal Turing machine. Turing's report setting out his design for the Automatic Computing Engine (ACE) was the first relatively

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complete specification  
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resulted in NPL's losing  
the race to build the

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world's first working  
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- an honour that went to  
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University, in June  
1948. Discouraged by the  
delays at NPL, Turing  
took up the Deputy  
Directorship of the  
Royal Society Computing  
Machine Laboratory in

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that year. Turing was a founding father of modern cognitive science and a leading early exponent of the hypothesis that the human brain is in large

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part a digital computing machine, theorising that the cortex at birth is an 'unorganised machine' which through 'training' becomes organised 'into a universal machine or

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something like it'. He also pioneered Artificial Intelligence. Turing spent the rest of his short career at Manchester University, being appointed to a

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pecially created  
Readership in the Theory  
of Computing in May  
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