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Perspectives on stopping behavior : process analyses of stop-signal inhibition

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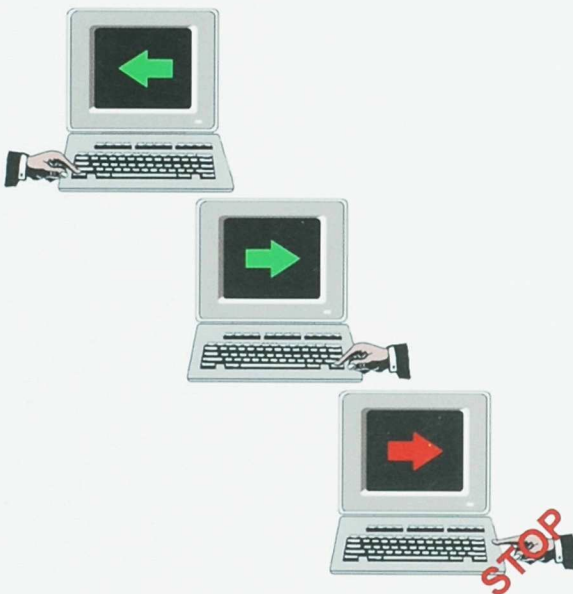
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Response inhibition is important in cognitive control and is a prerequisite for adaptive and goal-directed behavior. This thesis is about the ability in humans to interrupt ongoing or planned action in response to sudden changes in the environment. The aim of the present thesis is to learn about the nature of stop processes by going beyond a mere description of stop performance. The experiments that were carried out to this end cover several perspectives within the field of experimental psychology, and employ forceful physiological measures, Donderian tricks, stopping children, and a true 'within-subject' brain-stimulation technique.



Wery van den Wildenberg was born in Soerendonk (the Netherlands), in 1973. He studied psychology at Tilburg University. As a student, he divided his time between the psychonomics department and the department of clinical psychology at the CWZ-hospital, Nijmegen. After obtaining his MA in 1997, he worked as an intern in neuropsychology at the VAMC-hospital, Boston, USA. Back in the Netherlands, he embarked upon a PhD-project at the department of psychology, Universiteit van Amsterdam, with prof. dr. M.W. van der Molen and prof. dr. K.R. Ridderinkhof as advisors. The present thesis is the upshot of this research. At present, he continues his research as a post-doc.

