

Cambridge University Press 978-1-108-82286-2 — Reading Computer-Generated Texts Leah Henrickson Frontmatter <u>More Information</u>

Cambridge Elements =

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READING COMPUTER-GENERATED TEXTS

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University of Leeds





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CAMBRIDGEUNIVERSITY PRESS

University Printing House, Cambridge CB2 8BS, United Kingdom
One Liberty Plaza, 20th Floor, New York, NY 10006, USA
477 Williamstown Road, Port Melbourne, VIC 3207, Australia

314–321, 3rd Floor, Plot 3, Splendor Forum, Jasola District Centre, New Delhi – 110025, India

79 Anson Road, #06-04/06, Singapore 079906

Cambridge University Press is part of the University of Cambridge.

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www.cambridge.org
Information on this title: www.cambridge.org/9781108822862
DOI: 10.1017/9781108906463

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First published 2021

A catalogue record for this publication is available from the British Library.

ISBN 978-1-108-82286-2 Paperback ISSN 2514-8524 (online) ISSN 2514-8516 (print)

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Reading Computer-Generated Texts

Elements in Publishing and Book Culture

DOI: 10.1017/9781108906463 First published online: January 2021

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ABSTRACT: Natural language generation (NLG) is the process wherein computers produce output in readable human languages. Such output takes many forms, including news articles, sports reports, prose fiction, and poetry. These computer-generated texts are often indistinguishable from human-written texts, and they are increasingly prevalent. NLG is here, and it is everywhere. However, readers are often unaware that what they are reading has been computer-generated. This Element considers how NLG conforms to and confronts traditional understandings of authorship and what it means to be a reader. It argues that conventional conceptions of authorship, as well as of reader responsibility, change in instances of NLG. What is the social value of a computer-generated text? What does NLG mean for modern writing, publishing, and reading practices? Can an NLG system be considered an author? This Element explores such questions, while presenting a theoretical basis for future studies.

keywords: natural language generation, computer-generated texts, reader response, authorship, digital humanities

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ISBNs: 9781108822862 (PB), 9781108906463 (OC) ISSNs: 2514–8524 (online), 2514–8516 (print)



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