MINDS, FREEDOMS AND RIGHTS

Recent developments in the cognitive sciences, particularly the emergence of neurotechnologies and their potential applications in a variety of contexts, have prompted a debate on what freedoms and rights people have in relation to their brains and minds. Lawyers and philosophers are especially interested in the possibilities offered by the neurosciences in conducting risk assessments and risk management. *Minds, Freedoms and Rights* deepens our understanding of these legal issues by investigating the human rights that relate to the mind and by exploring their implications for possible uses for neurotechnology for criminal rehabilitation or "neurorehabilitation". By harnessing and integrating both legal and ethical perspectives, the authors investigate possible uses of neurorehabilitation that are cutting-edge yet simultaneously protect and respect human rights and freedoms. This title is also available as open access on Cambridge Core.

Dr. Sjors Ligthart is an associate professor of criminal law at Tilburg University, the Netherlands, and the principal investigator of the project Mental Liberty in the Age of Modern Technology: Towards Absolute Protection of the Mind? (VI.Veni.231 R.022). He is a postdoctoral researcher at the Willem Pompe Institute for Criminal Law and Criminology, Utrecht University, the Netherlands, on the research project Law and Ethics of Neurotechnology in Criminal Justice (VI.C.201.067). Ligthart is the author of *Coercive Brain-Reading in Criminal Justice: An Analysis of European Human Rights Law* (Cambridge University Press 2022) and co-editor of *Neurolaw: Advances in Neuroscience, Justice and Security* (Palgrave Macmillan 2021).

Dr. Emma Dore-Horgan is a Government of Ireland postdoctoral research fellow at the Department of Philosophy, University College Cork, previously working on the research project Law and Ethics of Neurotechnology in Criminal Justice (VI.C.201.067). She is an honorary research associate of the Uehiro Oxford Institute for Practical Ethics. She has published in *Ethical Theory and Moral Practice*, *Criminal Law and Philosophy*, *Bioethics*, *AJOB Neuroscience and the Journal of Law and the Biosciences*.

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LAW AND THE COGNITIVE SCIENCES

Law and the Cognitive Sciences publishes book monographs exploring connections between law and the cognitive sciences. The books will be of interest to academics, students, and practitioners, and in particular to the scholars in the fields of legal theory, philosophy of law, psychology of law, the theory of law and artificial intelligence, general theory of private and criminal law, and evidence.

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Minds, Freedoms and Rights

ON NEUROREHABILITATION IN CRIMINAL JUSTICE

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www.cambridge.org
Information on this title: www.cambridge.org/9781009486330

DOI: 10.1017/9781009486309

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When citing this work, please include a reference to the DOI 10.1017/9781009486309

First published 2026

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

A Cataloging-in-Publication data record for this book is available from the Library of Congress

ISBN 978-1-009-48633-0 Hardback

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