

CULTURAL-HISTORICAL PERSPECTIVES ON COLLECTIVE INTELLIGENCE

In the era of digital communication, collective problem solving is increasingly important. Large groups can now resolve issues together in completely different ways, which has transformed the arts, sciences, business, education, technology, and medicine. Collective intelligence is something we share with animals and is different from machine learning and artificial intelligence. To design and utilize human collective intelligence, we must understand how its problem-solving mechanisms work. From democracy in ancient Athens, through the invention of the printing press, to COVID-19, this book analyzes how humans developed the ability to find solutions together. This wide-ranging, thought-provoking book is a game-changer for those working strategically with collective problem solving within organizations and using a variety of innovative methods. It sheds light on how humans work effectively alongside machines to confront the most urgent challenges ever faced by humanity. This title is also available as Open Access on Cambridge Core.

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COLLECTIVE INTELLIGENCE

Patterns in Problem Solving and Innovation

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CAMBRIDGE
UNIVERSITY PRESS

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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
103 Penang Road, #05–06/07, Visioncrest Commercial, Singapore 238467

Cambridge University Press is part of the University of Cambridge.

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www.cambridge.org

Information on this title: www.cambridge.org/9781108833745

DOI: [10.1017/9781108981361](https://doi.org/10.1017/9781108981361)

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First published 2022

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

Library of Congress Cataloging-in-Publication Data

NAMES: Baltzersen, Rolf K., 1974- author.

TITLE: Cultural-historical perspectives on collective intelligence : patterns in problem solving and innovation / Rolf K. Baltzersen, Østfold University College.

DESCRIPTION: Cambridge, United Kingdom ; New York, NY : Cambridge University Press, 2022. | SERIES: Current perspectives in social and behavioral sciences | Includes bibliographical references and index.

IDENTIFIERS: LCCN 2021017609 (print) | LCCN 2021017610 (ebook) | ISBN 9781108833745 (hardback) | ISBN 9781108986755 (hardback) | ISBN 9781108981361 (epub)

SUBJECTS: LCSH: Swarm intelligence. | Technological innovations--Social aspects. | Human-computer interaction.

CLASSIFICATION: LCC Q337.3 .B35 2022 (print) | LCC Q337.3 (ebook) | DDC 006.3/824--dc23

LC record available at <https://lcn.loc.gov/2021017609>

LC ebook record available at <https://lcn.loc.gov/2021017610>

ISBN 978-1-108-83374-5 Hardback

ISBN 978-1-108-98675-5 Paperback

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