

This is a section of [doi:10.7551/mitpress/14471.001.0001](https://doi.org/10.7551/mitpress/14471.001.0001)

The Perception Machine

Our Photographic Future between the Eye and AI

By: Joanna Zylinska

Citation:

The Perception Machine: Our Photographic Future between the Eye and AI

By: Joanna Zylinska

DOI: [10.7551/mitpress/14471.001.0001](https://doi.org/10.7551/mitpress/14471.001.0001)

ISBN (electronic): 9780262376631

Publisher: The MIT Press

Published: 2023

The open access edition of this book was made possible by generous funding and support from MIT Press Direct to Open



The MIT Press

The Perception Machine

The Perception Machine

Our Photographic Future between the Eye and AI

Joanna Zylińska

**The MIT Press
Cambridge, Massachusetts
London, England**

© 2023 Massachusetts Institute of Technology

This work is subject to a Creative Commons CC-BY-NC-ND license.

Subject to such license, all rights are reserved.



The MIT Press would like to thank the anonymous peer reviewers who provided comments on drafts of this book. The generous work of academic experts is essential for establishing the authority and quality of our publications. We acknowledge with gratitude the contributions of these otherwise uncredited readers.

This book was set in ITC Stone Serif Std and ITC Stone Sans Std by New Best-set Typesetters Ltd.

Library of Congress Cataloging-in-Publication Data

Names: Zylinska, Joanna, 1971- author.

Title: The perception machine : our photographic future between the eye and AI / Joanna Zylinska.

Description: Cambridge, Massachusetts : The MIT Press, [2023] | Includes bibliographical references and index.

Identifiers: LCCN 2022050332 (print) | LCCN 2022050333 (ebook) | ISBN 9780262546836 (paperback) | ISBN 9780262376624 (epub) | ISBN 9780262376631 (pdf)

Subjects: LCSH: Photography—Philosophy. | Digital images—Social aspects. | Image processing—Digital techniques. | Artificial intelligence.

Classification: LCC TR183 .Z955 2023 (print) | LCC TR183 (ebook) | DDC 770.1—dc23/eng/20230405

LC record available at <https://lcn.loc.gov/2022050332>

LC ebook record available at <https://lcn.loc.gov/2022050333>

10 9 8 7 6 5 4 3 2 1

Contents

Acknowledgments vii

Preface: New Horizons ix

	Introduction: Photo Flows in the Perception Machine	1
1	Does Photography Have a Future? (Does Anything Else?)	21
2	A Philosophy of After-Photography	49
3	Screen Cuts, or How Not to Play Video Games	67
4	From Machine Vision to a Nontrivial Perception Machine	95
5	AUTO-FOTO-KINO: Photography after Cinema and AI	119
6	Can You Photograph the Future?	147
7	“Loser Images” for a Planetary Micro-Vision	167
	Conclusion: Future Sensing in the Metaverse	193
	Notes	201
	Bibliography	245
	Index	263

© 2023 Massachusetts Institute of Technology

This work is subject to a Creative Commons CC-BY-NC-ND license.

Subject to such license, all rights are reserved.



The MIT Press would like to thank the anonymous peer reviewers who provided comments on drafts of this book. The generous work of academic experts is essential for establishing the authority and quality of our publications. We acknowledge with gratitude the contributions of these otherwise uncredited readers.

This book was set in ITC Stone Serif Std and ITC Stone Sans Std by New Best-set Typesetters Ltd.

Library of Congress Cataloging-in-Publication Data

Names: Zylinska, Joanna, 1971- author.

Title: The perception machine : our photographic future between the eye and AI / Joanna Zylinska.

Description: Cambridge, Massachusetts : The MIT Press, [2023] | Includes bibliographical references and index.

Identifiers: LCCN 2022050332 (print) | LCCN 2022050333 (ebook) | ISBN 9780262546836 (paperback) | ISBN 9780262376624 (epub) | ISBN 9780262376631 (pdf)

Subjects: LCSH: Photography—Philosophy. | Digital images—Social aspects. | Image processing—Digital techniques. | Artificial intelligence.

Classification: LCC TR183 .Z955 2023 (print) | LCC TR183 (ebook) | DDC 770.1—dc23/eng/20230405

LC record available at <https://lcn.loc.gov/2022050332>

LC ebook record available at <https://lcn.loc.gov/2022050333>

10 9 8 7 6 5 4 3 2 1