Ebers / Navas

Algorithms and Law

Algorithms permeate our lives in numerous ways, performing tasks that until recently could only be carried out by humans. Artificial Intelligence (AI) technologies, based on machine learning algorithms and big-data-powered systems, can perform sophisticated tasks such as driving cars, analyzing medical data, and evaluating and executing complex financial transactions - often without active human control or supervision. Algorithms also play an important role in determining retail pricing, online advertising, loan qualification, and airport security. In this work, Martin Ebers and Susana Navas bring together a group of scholars and practitioners from across Europe and the US to analyze how this shift from human actors to computers presents both practical and conceptual challenges for legal and regulatory systems. This book should be read by anyone interested in the intersection between computer science and law, how the law can better regulate algorithmic design, and the legal ramifications for citizens whose behavior is increasingly dictated by algorithms.

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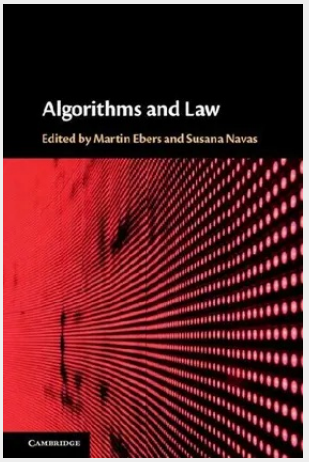

138,50 €
138,50 € (zzgl. MwSt.)

Nicht mehr lieferbar

Artikelnummer: 9781108424820
Medium: Buch
ISBN: 978-1-108-42482-0
Verlag: Cambridge University Press
Erscheinungstermin: 23.07.2020
Sprache(n): Englisch
Auflage: Erscheinungsjahr 2020
Produktform: Gebunden
Gewicht: 578 g
Seiten: 319
Format (B x H): 161 x 235 mm

Kundenservice Verlag Dr. Otto Schmidt KG
Neumannstraße 10, 40235 Düsseldorf | kundenservice@otto-schmidt.de | 0221-93738-997 (Inland)