

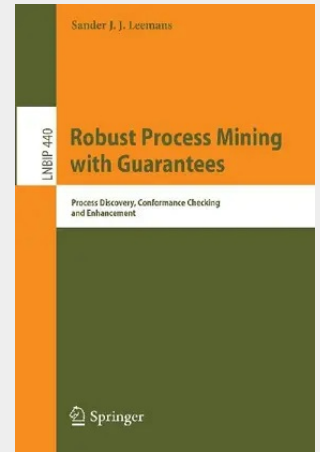
Robust Process Mining with Guarantees

Process Discovery, Conformance Checking and Enhancement

This book presents techniques for process discovery, conformance checking and enhancement. For process discovery, it introduces the Inductive Miner framework: a recursive skeleton for discovery techniques that in itself provides several guarantees.

The framework is instantiated in several concrete discovery techniques, each of which targets a specific challenge of process discovery, such as incompleteness of information or noisy behavior. For conformance checking, it introduces the Projected Conformance Checking framework, which focuses on speed, but nevertheless provides several guarantees, such as that for certain classes of models, it can decide language equivalence. For enhancement, it introduces the Inductive visual Miner, a well-polished end-user focused tool that includes process discovery, conformance checking and that can visualize performance on a discovered model, all without any user input.

This book presents techniques for process discovery, conformance checking and enhancement. For process discovery, it introduces the Inductive Miner framework: a recursive skeleton for discovery techniques that in itself provides several guarantees. The framework is instantiated in several concrete discovery techniques, each of which targets a specific challenge of process discovery, such as incompleteness of information or noisy behavior. For conformance checking, it introduces the Projected Conformance Checking framework, which focuses on speed, but nevertheless provides several guarantees, such as that for certain classes of models, it can decide language equivalence. For enhancement, it introduces the Inductive visual Miner, a well-polished end-user focused tool that includes process discovery, conformance checking and that can visualize performance on a discovered model, all without any user input.



79,17 €

73,99 € (zzgl. MwSt.)

Lieferfrist: bis zu 10 Tage

Artikelnummer: 9783030966546

Medium: Buch

ISBN: 978-3-030-96654-6

Verlag: Springer

Erscheinungstermin: 29.03.2022

Sprache(n): Englisch

Auflage: 1. Auflage 2022

Serie: Lecture Notes in Business Information Processing

Produktform: Kartoniert

Gewicht: 733 g

Seiten: 467

Format (B x H): 155 x 235 mm

