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Collana	Theoretical Computer Science and General Issues, , 2512-2029 ; ; 13122
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Soggetti	Mathematical logic Mathematical Logic and Foundations Mètodes formals (Informàtica) Congressos Llibres electrònics
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Introducing Formal Methods to First-Year Students in Three Intensive Weeks -- Online Teaching of Verification of C Programs in Applied Computer Science -- A Proposal for a Framework to Accompany Formal Methods -- Learning Tools -- Increasing Engagement with Interactive Visualization: Formal Methods as Serious Games Increasing Student Self-Reliance and Engagement in ModelChecking Courses -- Teaching Formal Methods to Software Engineers through Collaborative Learning -- Lessons of Formal Program Design in Dafny -- Teaching Correctness-by-Construction and Post-hoc Verification -The Online Experience -- Using Isabelle in Two Courses on Logic and Automated Reasoning -- Introducing Formal Methods to Students who Hate Maths and Struggle with Programming.
Sommario/riassunto	This book constitutes the refereed proceedings of the 4th International Workshop and Tutorial, FMTea 2021, Held as Part of the 4th World Congress on Formal Methods, FM 2021, as a virtual event in November 2021. The 8 full papers presented together with 2 short papers were carefully reviewed and selected from 12 submissions. The papers are

organized in topical sections named: experiences and proposals related with online FM learning and teaching, integrating/embedding FM teaching/thinking within other computer science courses, teaching FM for industry, and innovative learning and teaching methods for FM.
