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Collana	Lecture Notes in Computer Science, , 1611-3349 ; ; 13268
Disciplina	006.312
Soggetti	Software engineering Computer engineering Computer networks Artificial intelligence Computer science Software Engineering Computer Engineering and Networks Artificial Intelligence Theory of Computation
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Invited Talks -- MultiVeStA: Statistical Analysis of Economic Agent-Based Models by Statistical Model Checking -- 10 Years of DataMod: the Synergy of Data-driven and Model-based Approaches -- Model Verication -- Analysis and verication of robustness properties in Becker-Dring model -- A Secure User-Centred Healthcare System: Design and Verication -- Model-based Security Assessment on the Design of a Patient-centric Data Sharing Platform -- Model Checking Video Streams using VoxLogicA on GPU -- Data Mining and Processing Related Approaches -- Privacy Risk and Data Utility Assessment on Network Data -- Detecting Anxiety Trends Using Wearable Sensor Data in Real-world Situations -- Other Approaches -- Combining

quantitative data with logic-based specications for parameter inference -- Learning Program Input Grammars with Help from Abstract Syntax Trees -- Spatio-temporal model checking for 3D individual-based biofilm simulations -- A Web-based Tool for Collaborative Modelling and Analysis in Human-Computer Interaction and Cognitive Science.

Sommario/riassunto

This book constitutes the refereed proceedings of the 10th International Symposium "From Data Models and Back", DataMod 2021, which was held virtually during December 6-7, 2021, as a satellite event of SEFM 2021. The 9 full papers and 1 short paper included in this book were carefully reviewed and selected from 12 submissions. They were organized in topical sections as follows: Model verication; data mining and processing related approaches; and other approaches.