Record Nr. UNINA9910409668103321 Fields of Logic and Computation III: Essays Dedicated to Yuri Gurevich **Titolo** on the Occasion of His 80th Birthday / / edited by Andreas Blass. Patrick Cégielski, Nachum Dershowitz, Manfred Droste, Bernd Finkbeiner Pubbl/distr/stampa Cham:,: Springer International Publishing:,: Imprint: Springer,, 2020 3-030-48006-2 **ISBN** Edizione [1st ed. 2020.] Descrizione fisica 1 online resource (x, 341 pages) Collana Programming and Software Engineering; ; 12180 Disciplina 004.015113 005.1015113 Soggetti Computer programming Data structures (Computer science) Computer communication systems Special purpose computers Artificial intelligence Computer logic Software engineering **Programming Techniques Data Structures** Computer Communication Networks Special Purpose and Application-Based Systems Logic in Al Software Engineering Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Nota di contenuto Computation -- Logic -- Verification -- Topos theory. -Parallel Computing -- Tree -- Gurevich conjecture -- Arabic algorithms --Hyperbolic group -- Lattice-ordered group -- Temporal logic -- Metric logic -- Random convergence -- Knot theory -- Entropic convergence

Random access machine, PTIME -- Algorithmic randomness.

This Festschrift is published in honor of Yuri Gurevich's 80th birthday.

Sommario/riassunto

An associated conference, YuriFest 2020, was planned for May 18–20 in Fontainebleau, France, in combination with the 39th Journées sur les Arithmétiques Faibles also celebrating Yuri's 80th birthday. Because of the coronavirus situation, the conference had to be postponed, but this Festschrift is being published as originally planned. It addresses a very wide variety of topics, but by no means all of the fields of logic and computation in which Yuri has made important progress.