



Rabin style speed-up of proofs

By Anahit Chubaryan

LAP Lambert Acad. Publ. Nov 2010, 2010. Taschenbuch. Book Condition: Neu. 220x150x4 mm. This item is printed on demand - Print on Demand Neuware - One of the main problems of quantitative study of proofs is speed-up phenomenon, that is a situation, where two systems are compared such that some theorems have much shorter proof in one of them. For the first time such problem on the proof steps was considered for arithmetical systems by Gödel. Now many results in this field are well-known. In all of them by comparison of two systems for every recursive function can be pointed one formula or infinite set of formula, which has speed-up. We introduce the common notion of proof complexity (by analogy to Blum computational complexity), the notion of ordinary theory and formulate some conditions for any pair of theory, which are enough for possibility of the most generalized (Rabin style) speed-up, i.e. for arbitrary general recursive function there exists n_0 such that for every $n \geq n_0$ there is provable in both theories formula n such that its proof complexity in stronger theory is no more than n and in the weaker theory is greater than (n) . Many pair systems with above conditions...



READ ONLINE

[4.33 MB]

Reviews

Certainly, this is actually the very best job by any author. It really is rally exciting throug studying time. You may like how the blogger write this pdf.

-- **Rudolph Jones MD**

Completely essential go through ebook. I was able to comprehended almost everything using this created e pdf. You will not sense monotony at anytime of your time (that's what catalogs are for relating to if you request me).

-- **Timmothy Schulist**

Other Books



The Whale Tells His Side of the Story Hey God, Ive Got Some Guy Named Jonah in My Stomach and I Think Im Gonna Throw Up

B&H Kids. Hardcover. Book Condition: New. Cory Jones (illustrator). Hardcover. 32 pages. Dimensions: 9.1in. x 7.2in. x 0.3in. Oh sure, we all heard the story of Jonah and the Whale a hundred times. But have we heard it from the perspective of the...



Growing Up: From Baby to Adult High Beginning Book with Online Access

Cambridge University Press, 2014. UNK. Book Condition: New. New Book. Shipped from US within 10 to 14 business days. Established seller since 2000.



Noah's Ark: A Bible Story Book With Pop-Up Blocks (Bible Blox)

Thomas Nelson Inc. BOARD BOOK. Book Condition: New. 0849914833 Brand new in the original wrap- I ship FAST via USPS first class mail 2-3 day transit with FREE tracking!!.



Growing Up with Skid Marks: A Collection of Short Stories

Tate Publishing & Enterprises. Paperback. Book Condition: New. Perfect Paperback. 148 pages. Dimensions: 7.8in. x 5.2in. x 0.5in. Where I lived was in a community called Old Jagger. There were ten families living there and each family had at least three kids. My...



Boost Your Child's Creativity: Teach Yourself 2010

Hodder Stoughton General Division, United Kingdom, 2011. Paperback. Book Condition: New. 196 x 130 mm. Language: English . Brand New Book. Every parent wants their child to achieve their full potential. Whatever your child's interest or inclination, from art to music,...



Preschool Skills Same and Different Flash Kids Preschool Skills by Flash Kids Editors 2010 Paperback

Book Condition: Brand New. Book Condition: Brand New.