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Titolo	Types for Proofs and Programs [[electronic resource] ] : International Conference, TYPES 2007, Cividale del Friuli, Italy, May 2-5, 2007, Revised Selected Papers // edited by Marino Miculan, Ivan Scagnetto, Furio Honsell
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Classificazione	54.52
Disciplina	005.13/1
Soggetti	Software engineering Computer science Machine theory Compilers (Computer programs) Computer science—Mathematics Artificial intelligence Software Engineering Computer Science Logic and Foundations of Programming Formal Languages and Automata Theory Compilers and Interpreters Symbolic and Algebraic Manipulation Artificial Intelligence
Lingua di pubblicazione	Inglese
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Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Algorithmic Equality in Heyting Arithmetic Modulo -- CoqJVM: An Executable Specification of the Java Virtual Machine Using Dependent Types -- Dependently Sorted Logic -- Finiteness in a Minimalist Foundation -- A Declarative Language for the Coq Proof Assistant -- Characterising Strongly Normalising Intuitionistic Sequent Terms -- Intuitionistic vs. Classical Tautologies, Quantitative Comparison -- In the Search of a Naive Type Theory -- Verification of the Redecoration Algorithm for Triangular Matrices -- A Logic for Parametric

Polymorphism with Effects -- Working with Mathematical Structures in Type Theory -- On Normalization by Evaluation for Object Calculi -- Attributive Types for Proof Erasure.

**Sommario/riassunto**

This book constitutes the thoroughly refereed post-conference proceedings of TYPES 2007, the concluding conference of the Types project, held in Cividale del Friuli, Italy, in May 2007. The 13 revised full papers presented were carefully reviewed and selected from 22 submissions. The topic of this last annual workshop of the Types Working Group was formal reasoning and computer programming based on type theory. Great importance was attached to languages and computerized tools for reasoning, and applications in several domains such as analysis of programming languages, certified software, formalization of mathematics and mathematics education.

2. **Record Nr.**

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**Autore**

Hitchcock Jeff

**Titolo**

101 Tips for Parents of Kids with Diabetes : Wisdom for Families Living with Type 1

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**Nota di contenuto**

Intro -- Title Page -- Copyright -- Dedication -- Table of Contents -- Introduction -- Living Every Day with Type 1 -- Life First, Diabetes Second -- It's Not Your Fault -- There Is No Cure-Yet -- Would You Allow Something without Diabetes? -- Learn in Stages -- Language Matters -- Data Matters -- Be Comfortable with Approximations -- When Sugar-Free Matters and when It Doesn't -- What Your Child Can and Cannot Eat -- Avoid "Diabetic" Meals -- Thank Well-Meaning Friends and Relatives -- Find a Babysitter -- Involve the Grandparents

-- Learn about National Support Organizations -- Find Local Support -- Go to a Diabetes Conference -- Get Involved with the Diabetes Online Community -- Maintain Your Privacy Online -- Find Answers to Your Questions Online -- Don't Do Nothing -- Diabetes Care Is More Than HbA1c -- Siblings Matter -- Prepare a Diabetes Emergency Kit -- Never Punish for Diabetes -- Understand Today's Science -- Mini-Dose Glucagon Rescue -- Cake Frosting Tubes for Treating Lows -- What to Do If You Mix Up Insulin Doses -- Additional Medicines to Have on Hand -- What to Keep in Your Car -- Enjoy Birthdays and Holidays -- Care Strategies for Babies through Preschool-Age Kids -- Preventing Lows Is Paramount -- Is It a Tantrum or a Low Blood Sugar? -- Helping Your Child Feel Empowered -- Avoiding Mealtime Power Struggles -- Have a System for Dosing Insulin -- Care Strategies for Elementary-Age Kids -- Consider Getting Your Child a Mobile Phone -- Building Safe Spaces at School -- Building Safe Spaces in the Neighborhood -- Having Fun During Trick-or-Treat -- Managing Lunch at School -- Insulin Dosing While Away from Home -- Low Treatments Are Not Treats -- Sports -- Making Life Not About Diabetes -- Care Strategies for Tweens -- Get a Mobile Phone for Your Tween -- Planning a Transition of Responsibility for Care -- Sleepovers for Tweens. Care Strategies for Teens -- Sharing versus Not -- Remaining Engaged as a Parent -- Peers Really Matter -- Sex, Drugs, and Alcohol -- Teen Girls and Menstrual Cycles -- Helping Teens Remember to Take Their Insulin -- Look for College Scholarships -- Driving Is Special -- Stepping Back as a Parent -- Care Strategies for College and Beyond -- Setting Your Child Up for Success in College -- Finding Support in College -- Caring Might Not Be Sharing -- Fostering Independence Means Allowing Failure -- Trust but Verify -- Adult Diabetes Care Is Very Different from Pediatric Care -- The Importance of Health Insurance -- Friends in Place of Parents -- Care Strategies for All Ages -- Manage Important Information -- Know How to Use Different Kinds of Insulin -- Bolus Well before Meals -- Consider an Insulin Pump -- If You Pump, Know How to Untether -- Continuous Sensors Change Everything -- Share Your CGM Data -- Stick with One or Two Fingers -- Alternate Site Blood Glucose Monitoring -- Injection Site Rotation Really Matters -- Don't Use a Public Bathroom for Diabetes Care -- You Can Inject through Clothing -- Check Blood Ketones, Not Urine Ketones -- Be Open to Type 2 Medications -- Go Ahead and Use the Hot Tub -- Be Mindful of Double Diabetes -- Get Your Whole Family Checked for Celiac -- Traveling Domestically with Diabetes -- Traveling Internationally with Diabetes -- Don't Store Insulin in Hotel Refrigerators -- Reminders Before Heading Out on a Trip -- Final Thoughts -- Type 1 Is Hard -- How to Discuss Complications -- Don't Threaten Using the Problems of Others -- Understand the Data on Complications -- What's Changed and Why It's Important -- People with Type 2 Are Our Allies -- Your Doctor Works for You -- Ordering Supplies Can Be Challenging -- Write Down Your Child's Diabetes Care Data -- Your Child Might Need Additional Help. Get Involved in Research -- Avoid Being the "Diabetes Police" -- Great Books for Your Diabetes Library -- Life Is Lived Off Label -- The Bottom Line -- Additional Resources -- Acknowledgments -- Index.

## Sommario/riassunto

Approximately 208,000 Americans under age twenty have diagnosed diabetes, and the number is growing at an alarming rate. From 2001 to 2009, the number of American children diagnosed with type 1 diabetes rose 23 perç for type 2 diabetes it rose 21 percent. While scientists and government organizations assess the reasons for the increase, parents are left to deal with its day-to-day ramifications, and to guide their children through the discovery and treatment process. Jeff Hitchcock,

the editor of this volume, was in desperate need of advice for how to best support his young daughter after her diagnosis. When he searched for support, he was shocked by how little information existed. So he started his own support group, Children with Diabetes. And now, more than twenty years later, Children with Diabetes has answered more than twenty thousand questions from other parents, gets more than twenty thousand daily hits on its website, and has a highly respected Diabetes Team, a wealth of on-call experts for parents in need of support. In this volume, Jeff has collected a whopping 101 tips for parents. The tips answer questions such as: What does the diagnosis mean? How do I get help? Should I change my child's eating habits? What does insulin mean, and how is it used? And what should I tell my child's teacher? For ease of reference, they're categorized, so answers can quickly and easily be found. They're also provided in simple, jargon-free, and easy-to-understand language.

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