

ACKNOWLEDGEMENTS

I have interacted with many scholars over the years concerning Boolean Relation Theory and Concrete Mathematical Incompleteness. These interactions have encouraged me to intensify my efforts. But they also have also made me realize just how much greater are the challenges that lie ahead, if Concrete Mathematical Incompleteness is to be inexorably woven into the mathematical culture.

I want to first thank the three anonymous referees for corrections and comments, as well as advice that was largely adopted.

Special thanks are due to Andrey Bovykin, who organized a one week meeting at Bristol in December, 2009, during which Andrey was accompanied by Lorenzo Carlucci and Andreas Weierman, together with four Ph.D. students Stuart King, Florian Pelupessy, Sam Sanders, and Michiel De Smet, endured about 50 hours(!) of my lectures on Chapter 5, with the expressed goal of finding bugs.

This team of seven divided the checking equally. I am glad to report that they found hundreds of typos, but only a mite (defined as 10% of a bug), all of which have been fixed.

Special thanks are also due to Gregory Cherlin, Peter Koellner, and again to Andrey Bovykin, Lorenzo Carlucci, and Andreas Weierman, for providing detailed corrections and suggestions concerning the lengthy Introduction.

Next, I want to thank several local scholars at The Ohio State University in Columbus, Ohio, USA, who had to listen to me talk their ears off, at all hours of the day and night, in their offices and at their homes, about the singular virtues of Boolean Relation Theory and Concrete Mathematical Incompleteness. These are Ovidiu Costin, David Goss, Christopher Miller, Stephen Milne, Neil Robertson, and Akos Seress of the Mathematics Department; Salvatore Florio, Stewart Shapiro, and Neil Tennant of the Philosophy Department; and Bill Ogden and Bruce Weide of the Computer Science Department.

I want to thank the Editorial Board of the FOM email list, <http://www.cs.nyu.edu/mailman/listinfo/fom/>, who allowed me

to make literally hundreds of FOM postings concerning Concrete Mathematical Incompleteness. I have received special feedback from the Moderator, Martin Davis.

I am grateful for valuable interaction concerning Concrete Mathematical Incompleteness from a great number of mathematical logicians, including Jeremy Avigad, Lenore Blum, Lou van den Dries, Leo Harrington, Denis Hirschfeldt, Jeffrey Hirst, Ehud Hrushovski, Aki Kanamori, Jerry Keisler, Victor Marek, Dave Marker, Donald Martin, Adrian Matthias, Antonio Montalban, Itay Neeman, Anil Nerode, Michael Rathjen, Jeffrey Remmel, Andre Scedrov, Richard Shore, Theodore Slaman, Robert Solovay, Bill Tait, Simon Thomas, and Hugh Woodin.

I have received crucial feedback concerning Concrete Mathematical Incompleteness from many important mathematicians whose area of expertise does not include mathematical logic, including Alain Connes, John Conway, Charles Fefferman, Hilel Furstenberg, Tim Gowers, Ronald Graham, Mikhail Gromov, David Kazhdan, Simon Kochen, Richard Lyons, Yuri Manin, Barry Mazur, David Mumford, Ed Nelson, Paul Sally, Paul Seymour, Joel Spencer, Dan Stroock, Don Zagier, and Doron Zeilberger,

I have also received valuable feedback concerning Concrete Mathematical Incompleteness from many important philosophers, including Andy Arana, Paul Benacerraf, Alan Berger, John Burgess, Mic Detlefsen, Hartry Field, Kit Fine, Warren Goldfarb, Geoffrey Hellman, Juliette Kennedy, Peter Koellner, Saul Kripke, Pen Maddy, Vann McGee, Hilary Putnam, Gideon Rosen, Patrick Suppes, and Jouko Väänänen.

Finally, I would like to acknowledge the tender loving care of my wife, Judith Schwartz, who was so shocked by the length of the Introduction.