



2014, XVII, 291 p. 16 illus.

Printed book

Hardcover

99,99 € | £89.99 | \$119.99

^[1]106,99 € (D) | 109,99 € (A) | CHF 118,00

Softcover

99,99 € | £89.99 | \$119.99

^[1]106,99 € (D) | 109,99 € (A) | CHF 118,00

eBook

85,59 € | £71.50 | \$89.00

^[2]85,59 € (D) | 85,59 € (A) | CHF 94,00

Available from your library or
springer.com/shop

MyCopy ^[3]

Printed eBook for just

€ | \$ 24.99

springer.com/mycopy

Michèle Friend

Pluralism in Mathematics: A New Position in Philosophy of Mathematics

Series: Logic, Epistemology, and the Unity of Science

- Offers a radical approach, developing a position on Pluralism
- Provides a cross disciplinary approach, drawing upon mathematical positions whilst presenting a philosophical account
- Scrutinizes the transcendental presentation of Pluralism

This book is about philosophy, mathematics and logic, giving a philosophical account of Pluralism which is a family of positions in the philosophy of mathematics. There are four parts to this book, beginning with a look at motivations for Pluralism by way of Realism, Maddy's Naturalism, Shapiro's Structuralism and Formalism. In the second part of this book the author covers: the philosophical presentation of Pluralism; using a formal theory of logic metaphorically; rigour and proof for the Pluralist; and mathematical fixtures. In the third part the author goes on to focus on the transcendental presentation of Pluralism, and in part four looks at applications of Pluralism, such as a Pluralist approach to proof in mathematics and how Pluralism works in regard to together-inconsistent philosophies of mathematics. The book finishes with suggestions for further Pluralist enquiry. In this work the author takes a deeply radical approach in developing a new position that will either convert readers, or act as a strong warning to treat the word 'pluralism' with care.

Order online at springer.com / or for the Americas call (toll free) 1-800-SPRINGER / or email us at: customerservice@springernature.com. / For outside the Americas call +49 (0) 6221-345-4301 / or email us at: customerservice@springernature.com.

The first € price and the £ and \$ price are net prices, subject to local VAT. Prices indicated with [1] include VAT for books; the €(D) includes 7% for Germany, the €(A) includes 10% for Austria. Prices indicated with [2] include VAT for electronic products; 19% for Germany, 20% for Austria. All prices exclusive of carriage charges. Prices and other details are subject to change without notice. All errors and omissions excepted. [3] No discount for MyCopy.

