



1st ed. 2016, XV, 281 p. 4 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

Elise Crull, Guido Bacciagaluppi (Eds.)

Grete Hermann - Between Physics and Philosophy

Series: Studies in History and Philosophy of Science

- Recent scholarship on an important figure little-known in the English-speaking world
- First English translation of a key historical text in the foundations of quantum mechanics
- Wide range of first-class contributors (Including some who knew Hermann personally)
- Presents a rare synthesis of various aspects of Hermann's life and work

Grete Hermann (1901-1984) was a pupil of mathematical physicist Emmy Noether, follower and co-worker of neo-Kantian philosopher Leonard Nelson, and an important intellectual figure in post-war German social democracy. She is best known for her work on the philosophy of modern physics in the 1930s, some of which emerged from intense discussions with Heisenberg and Weizsäcker in Leipzig. Hermann's aim was to counter the threat to the Kantian notion of causality coming from quantum mechanics. She also discussed in depth the question of 'hidden variables' (including the first critique of von Neumann's alleged impossibility proof) and provided an extensive analysis of Bohr's notion of complementarity. This volume includes translations of Hermann's two most important essays on this topic: one hitherto unpublished and one translated here into English for the first time. It also brings together recent scholarly contributions by historians and philosophers of science, physicists, and philosophers and educators following in Hermann's steps. Hermann's work places her in the first rank among philosophers who wrote about modern physics in the first half of the last century. Those interested in the many fields to which she contributed will find here a comprehensive discussion of her philosophy of physics that places it in the context of her wider work.

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.

