

1. Record Nr.	UNINA9910254763203321
Titolo	Epistemic Virtues in the Sciences and the Humanities / / edited by Jeroen van Dongen, Herman Paul
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2017
ISBN	3-319-48893-7
Edizione	[1st ed. 2017.]
Descrizione fisica	1 online resource (VI, 198 p. 3 illus.)
Collana	Boston Studies in the Philosophy and History of Science, , 0068-0346 ; ; 321
Disciplina	121
Soggetti	History Historiography Intellectual life—History Physics Chemistry—History History of Science Historiography and Method Intellectual Studies History and Philosophical Foundations of Physics History of Chemistry
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references at the end of each chapters and index.
Nota di contenuto	Introduction (Jeroen van Dongen) -- 1. Confidence, Humility, and Virtue in Nineteenth Century Philosophies (Ian James Kidd) -- 2. The Rise of Objectivity: Epistemic Virtues and Social Change in the Nineteenth-Century Netherlands (Ad Maas) -- 3. The Scientific Imagination in Britain around 1900 (Léjon Saarloos) -- 4. The Documentalist and the Adventurer: Epistemic Virtues in Interwar Nature Protection (Raf de Bont) -- 5. Religious and Scientific Virtues: Maxwell, Eddington, and Overcoming Obstacles (Matt Stanley) -- 6. 'Broken Symmetry': Physics, Aesthetics, and Moral Virtue in Nuclear Age America (Jessica Wang) -- 7. Left Radicalism and the Milky Way: Connecting the Socialist and Scientific Virtues of Anton Pannekoek (Chaokang Tai) -- 8. The

Portraits of Hermann von Holst: Character and Virtue in the Historical Discipline around 1900 (Kasper Risbjerg Eskildsen) -- 9. Weber, Wöhler, and Waitz: Virtue Language in Late Nineteenth-Century Physics, Chemistry, and History (Herman Paul) -- 10. A Virtuous Theorist's Theoretical Virtues: Einstein on Physics versus Mathematics and Experience versus Unification (Jeroen van Dongen) -- 11. How Interactions between Humanities and Science Shed New Light on Shared Epistemic Virtues (Rens Bod).

Sommario/riassunto

This book explores how physicists, astronomers, chemists, and historians in the late nineteenth and early twentieth centuries employed 'epistemic virtues' such as accuracy, objectivity, and intellectual courage. In doing so, it takes the first step in providing an integrated history of the sciences and humanities. It assists in addressing such questions as: What kind of perspective would enable us to compare organic chemists in their labs with paleographers in the Vatican Archives, or anthropologists on a field trip with mathematicians poring over their formulas? While the concept of epistemic virtues has previously been discussed, primarily in the contexts of the history and philosophy of science, this volume is the first to enlist the concept in bridging the gap between the histories of the sciences and the humanities. Chapters research whether epistemic virtues can serve as a tool to transcend the institutional disciplinary boundaries and thus help to attain a 'post-disciplinary' historiography of modern knowledge. Readers will gain a contextualization of epistemic virtues in time and space as the book shows that scholars themselves often spoke in terms of virtue and vice about their tasks and accomplishments. This collection of essays opens up new perspectives on questions, discourses, and practices shared across the disciplines, even at a time when the neo-Kantian distinction between sciences and humanities enjoyed its greatest authority. Scholars including historians of science and of the humanities, intellectual historians, virtue epistemologists, and philosophers of science will all find this book of particular interest and value.
