Record Nr. UNINA9910300369603321 Autore Ronchi Claudio Titolo The Tree of Knowledge: The Bright and the Dark Sides of Science / / by Claudio Ronchi Cham:,: Springer International Publishing:,: Imprint: Springer,, Pubbl/distr/stampa 2014 **ISBN** 3-319-01484-6 Edizione [1st ed. 2014.] 1 online resource (297 p.) Descrizione fisica Disciplina 500 509 530 530.01 Soggetti **Physics** Popular works History History and Philosophical Foundations of Physics Popular Science, general History of Science Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Description based upon print version of record. Note generali Nota di bibliografia Includes bibliographical references and index. Nota di contenuto Introduction -- Time of Growth -- Birth an Floruit of Science in the Occident -- Scientific Research as a Global Enterprise -- The Crisis of Growth -- Orthodoxy vs. Heresy -- The Dissemination of Knowledge --Beyond Mankind -- Artificial Intelligence and Post-Humanity --Beginning and End -- Epilogue. Whether considered a divine gift or a Promethean conquest, science has Sommario/riassunto indisputably and indelibly marked the course of human history. A product of the intellectual elite, but always nourished by the many fruits of its applications, science appears today to be a perfect system, whose laws and discoveries guide all human activities. Yet the foundations of its authority remain an open question, entailing disquieting aspects that are also to be identified in modern science.

Furthermore it is seen to be exerting an increasing power over

mankind. Readers are invited to follow an itinerary through the history

of science, a voyage which, in the end, enables them to catch a glimpse of two divergent futures: One in which science accelerates the downfall of Homo sapiens, and another in which it helps our species to engage in a new and positive adventure, whose outcome nobody can know.