Record Nr. UNINA9910790828903321 Observing the world through images: diagrams and figures in the **Titolo** early-modern arts and sciences // edited by Nicholas Jardine and Isla Fay Pubbl/distr/stampa Boston:,: Brill,, 2014 **ISBN** 90-04-26385-3 Descrizione fisica 1 online resource (240 p.) Altri autori (Persone) **JardineNicholas** FayIsla 240 Disciplina Soggetti Scientific illustration - History Visual communication in science - History Art and science - History Science - History Art, Modern Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Originally published as volume xviii, nos. 1-2 (2013) of Brill's journal, Note generali Early science and medicine. Nota di bibliografia Includes bibliographical references and index. Nota di contenuto Preliminary Material -- Introduction / Isla Fay and Nicholas Jardine --Analogy and Difference / Isabelle Pantin -- Depicting the Medieval Alchemical Cosmos / Jennifer M. Rampling -- Anatomy, Bloodletting and Emblems / Karin Ekholm -- The Use of Printed Images for Instrument-Making at the Arsenius Workshop / Samuel Gessner --Reconstructing Vernacular Mathematics / Katie Taylor -- Instruments and Illustration / Hester Higton -- Teaching through Diagrams / Renée Raphael -- Index of Names / Nicholas Jardine and Isla Fay. Sommario/riassunto The well-illustrated articles in Observing the World through Images offer insights into the uses of images in astronomy, mathematics, instrument-making, medicine and alchemy, highlighting shared forms as well as those peculiar to individual disciplines. Themes addressed include: the processes of image production and communication; the transformation of images through copying and adaptation for new purposes; genres and traditions of imagery in particular scientific

disciplines; the mnemonic and pedagogical value of diagrams; the

relationship between text and image; and the roles of diagrams as tools to think with. Contributors include: Isabelle Pantin, Jennifer Rampling, Samuel Gessner, Renee Raphael, Karin Ekholm, Hester Higton, and Katie Taylor.