

1. Record Nr.	UNINA9910299781303321
Titolo	The Visual Language of Technique : Volume 1 - History and Epistemology // edited by Luigi Cocchiarella
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2015
ISBN	3-319-05350-7
Edizione	[1st ed. 2015.]
Descrizione fisica	1 online resource (186 p.)
Disciplina	519
Soggetti	Mathematics Geometry, Projective Computer simulation Optical data processing Architecture Signal processing Image processing Speech processing systems Mathematics in Art and Architecture Projective Geometry Simulation and Modeling Image Processing and Computer Vision Architectural History and Theory Signal, Image and Speech Processing
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references.
Nota di contenuto	Part I Lectures -- 1 Rocco Rocchi: The Blind Intuition -- 2 Gunther Weiss: Geometry: Daughter of Art and Architecture, Mother of Mathematics -- 3 Andrea Bonarini: Image and Icons in Artificial Intelligence and Robotics. Milestones and Technical Tools -- 4 Hellmuth Stachel: Descriptive Geometry. Image Based Reasoning -- 5 Maria Grazia Sandri: Talking about Space. Searching the Image -- 6 Livio Sacchi: Architectural Heritage in Ethiopia. Two Imperial Compounds in Mekele and Addis Ababa. A Survey and Design

Experience between History and Representation -- 7 Georg Glaeser:
How to Precisely Measure Astronomic Periods of Time by Means of
Stone Age Geometry -- Part II Poster Session: Archival Images between
History and Future.

Sommario/riassunto

The book is inspired by the first seminar in a cycle connected to the celebrations of the 150th anniversary of the Politecnico di Milano (May 2013). "Dealing with the Image. Ivory Towers and Virtual Bridges" was the motto of this meeting, aiming to stimulate a discussion among engineers, designers and architects, all of whom are traditionally involved in the use of the Image as a specialized language supporting their work, their research activities, and their educational tasks. The volume also includes essays and contributions of invited or interviewed authors from other disciplines, namely Philosophy, Mathematics and Semiotics, together with articles from the poster session and a report from the round table. According to Regis Debray, in the present "Visual Age", which he has significantly defined as a "Video-Sphere", all the information tends to be processed and controlled by means of visual devices. This occurs especially in the various branches of many technical studies and activities, one of the most sensitive areas to the use of Visual Language in the past and even more in the present. The volume includes an interview with the semiologist Ruggero Eugeni.
