

1. Record Nr.	UNISA996390439703316
Autore	Barriffe William
Titolo	Military discipline· Or The young artillery-man [[electronic resource]] : Wherein is discoursed and showne the postures both of musket and pike the exactest way, &c. Together with the exercise of the foot in their motions, with much variety: as also diverse and severall formes for the imbattelling small or greater bodies, demonstrated by the number of a single company, with their reducements: very necessary for all such as are studious in the art military. Whereunto is also added the postures and beneficiall use of the halfe-pike joyned with the musket. With the way to draw up the Swedish brigade. The 4th. edition, newly revised and much enlarged, by Captaine William Barriffe
Pubbl/distr/stampa	London, : printed by M.C. M.M. C.G. and are to be sold by Peter Cole at the signe of the Glove in Corne-hill, neere the Royall Exchange, 1643
Descrizione fisica	[8], 96, 161-261, [3] p., [1] leaf of plate : ill., port
Soggetti	Military art and science Strategy
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	With engraved frontispiece depicting author. Text is continuous despite pagination. Reproduction of the original in the Cambridge University Library.
Sommario/riassunto	eebo-0021

2. Record Nr.	UNINA9910483792003321
Titolo	Angelo Secchi and nineteenth century science : the multidisciplinary contributions of a pioneer and innovator / / Ileana Chinnici, Guy Consolmagno (editors)
Pubbl/distr/stampa	Cham, Switzerland : , : Springer, , [2021] ©2021
ISBN	3-030-58384-8
Descrizione fisica	1 online resource (xxviii, 381 pages) : illustrations
Collana	Historical & cultural astronomy
Disciplina	520
Soggetti	Astronomy
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Intro -- Preface -- Angelo Secchi: Biographic Notes (Chinnici 2019) -- Scientific Activity -- Positional Astronomy -- Solar Physics -- Stellar Spectroscopy -- Solar System Astronomy -- Geodesy -- Meteorology -- Physics -- Other -- Public Works -- Publications of Journals and Treatises -- International Scientific Expeditions and Commissions -- Total Solar Eclipse, 18 July 1860, Desierto de Las Palmas (Spain) -- Universal Exhibition, Paris, 1867 -- Total Solar Eclipse, 22 December 1870, Augusta (Sicily) -- International Conference of the Meter (Paris, 1870-72) -- Congress of the Italian Scientists (Palermo, 1875) -- Introduction -- Abbreviations -- Contents -- About the Contributors -- Part I: The Historical and Cultural Context -- Chapter 1: An Introduction to Angelo Secchi and his Collegio Romano Observatory -- 1.1 Introduction -- 1.2 Biographical Sketch of Angelo Secchi -- 1.3 The History of the Collegio Romano Observatory -- 1.4 The Spectral Classification of Stars and the Birth of Astrophysics -- 1.5 Solar Physics and the Sun-Earth Connection -- 1.6 Other Scientific Activities -- 1.7 Concluding Remarks -- References -- Chapter 2: The Scientific Tradition of the Society of Jesus and the Formation of Angelo Secchi -- 2.1 The Historical Problem of "Jesuit Science" -- 2.2 Why Mathematics, and Specifically Astronomy? -- 2.3 The Scientific Role of the Society of Jesus Until the Suppression: Quantity and Quality -- 2.4 A Note on Quality -- 2.5 The New Ratio and Secchi's Education -- 2.6 The

Arrangement of Courses and Programs in the College of Rome -- 2.7
Closing the Divide -- 2.8 Secchi and the Scientific Tradition
of the Society -- References -- Chapter 3: Between Science
and Religion: Angelo Secchi and his Time -- 3.1 Introduction -- 3.2
The Historical and Cultural Context -- 3.3 Secchi's Chair of Astronomy
at the University "La Sapienza".
3.4 The Intellectual Context of Nineteenth Century for Science
and Religion -- 3.5 Secchi's Views on Christian Faith and Scientific
Research -- 3.6 Concluding Remarks: The Religious and Humanistic
Dimension of Science -- References -- Chapter 4: Angelo Secchi:
Portrait of a "Multi-versed" Jesuit Scientist -- 4.1 Introduction -- 4.2 A
Few Biographical Notes -- 4.3 Concluding Remarks -- References --
Part II: Secchi's Scientific Contributions -- Chapter 5: Angelo Secchi,
Stellar Spectroscopy, Solar Physics, and Visual Science Culture -- 5.1
Angelo Secchi and Stellar Spectroscopy -- 5.2 Secchi and Solar Physics
-- 5.3 Mastery of Visual Representation of Solar Features -- 5.4 Secchi
and the Visual Culture of Science -- References -- Some Pertinent
Webpages (All Webpages Last Accessed on March 1, 2019) -- Chapter
6: Planetary Observations by Angelo Secchi -- 6.1 Introduction -- 6.2
Early Studies of the Moon and Planets -- 6.3 Mars in 1858 -- 6.4
Publication, and Later Mars Work -- 6.5 Observations of the Outer
Planets -- 6.6 Spectroscopic Studies -- 6.7 Conclusions -- References
-- Chapter 7: The Legacy of Angelo Secchi at the Forefront of Solar
Physics Research -- 7.1 Introduction -- 7.2 The Fundamental Nature
of Solar Structures -- 7.3 The Sun-Earth Connection -- 7.4
Atmosphere Coupling -- 7.5 The Quest for Novel Instrumentation
and Methods -- 7.6 Concluding Remarks -- References -- Chapter 8:
Angelo Secchi, Instrument Innovator -- 8.1 Introduction -- 8.2 Stellar
Spectroscopes -- 8.2.1 Direct-Vision Spectroscope -- 8.2.2 Compound
Stellar Spectroscope -- 8.2.3 Objective Prism Spectroscope -- 8.2.4
Grating Spectroscope -- 8.3 Thermoheliometer (Actinometer) -- 8.4
Universal Meteorograph -- 8.5 Secchi Disc -- 8.6 Concluding Remarks
-- References -- Chapter 9: Angelo Secchi and Meteorology in Italy --
9.1 Introduction -- 9.2 Matthew Fontaine Maury.
9.3 Secchi's Theoretical Work in Atmospheric Science -- 9.3.1 Storm
Forecasting Theories -- 9.3.2 A New Hailstone Formation Theory --
9.3.3 The Urban Heat Island and Climate Change -- 9.4 The
Meteorograph -- 9.5 The World's First Severe Weather Warning Service
-- 9.5.1 The "Telegraphic Meteorological Correspondence" of the Papal
States -- 9.5.2 The Paris International Meteorological Correspondence
-- 9.5.3 Isobars and Isotherms for Weather Forecasting -- 9.6
Dissemination and Publication of Meteorological Research Findings --
9.7 The Unpublished Manuscript "on the Complicated Question
of Weather Forecasts" -- 9.8 Secchi's Role in the Birth of the National
Meteorological Service -- 9.9 Conclusions -- References -- Chapter
10: Secchi's Meteorographs Outside of Italy -- 10.1 Introduction --
10.2 The Meteorograph of Father Secchi -- 10.3 Secchi's
Meteorographs Installed Outside of Italy -- 10.3.1 Madrid (1860) --
10.3.2 Manila (1869) -- 10.3.3 Calcutta (1871) -- 10.3.4 Washington-
Cleveland (1871) -- 10.3.5 Havana (1873) -- 10.3.6 Zi-Ka-Wei (1874)
-- 10.3.7 Mexico City (1878) -- 10.4 Conclusions -- References --
Chapter 11: Secchi's Book on "The Unity of Physical Forces" -- 11.1
Introduction -- 11.2 Controversies (Old and New) -- 11.3 A Modern
Appraisal -- Reference -- Chapter 12: The Measurement
of the Geodetic Baselines Along the Via Appia Antica -- 12.1
Introduction -- 12.2 Geodetic Baselines at the Via Appia Antica (1751
and 1854-1855) -- 12.3 The Problem of the Earth's Shape
and the Prime Meridian of Italy -- 12.4 Chronology of Geodetical

Activities -- 12.5 Final Considerations -- References -- Chapter 13: The History and Future of the Secchi Disk -- 13.1 Secchi Disk Depth: A Parameter of Global Relevance -- 13.2 Secchi's Achievements in Measuring Water Transparency -- 13.3 The Future of Secchi's Disk -- References.

Chapter 14: Angelo Secchi and the Development of Geophysics in Italy -- 14.1 Introduction: Geological Disciplines in Rome in the Nineteenth Century -- 14.2 Angelo Secchi and Geology -- 14.2.1 "Lezioni elementari di fisica terrestre" -- 14.2.2 Concerning Water on Earth -- 14.2.3 Volcanism -- 14.2.4 Time and Space: Basic Principles of Stratigraphy -- 14.3 Father Secchi, Field Geologist -- 14.4 Angelo Secchi and Geophysics -- 14.4.1 A New Phase: Birth of Seismology in Italy -- 14.4.2 Secchi's Legacy: Rome, the "Moral Capital" of Italian Geophysics -- 14.5 Concluding Remarks: Useful Science -- References -- Chapter 15: Angelo Secchi and the Measurement of Time -- 15.1 Introduction -- 15.2 The Reform of Mean Time in Europe -- 15.3 The Study of "Gnomonics" in the Society of Jesus -- 15.4 Angelo Secchi's Sundials -- 15.4.1 Sezze Sundial (1852) -- 15.4.2 Boville Ernica Sundial (1865) -- 15.4.3 Alatri Sundial (1867-1875) -- 15.4.4 Augusta Sundial (1870) -- 15.4.5 Grottaferrata Sundials (1873 and 1876) -- 15.4.6 Cosenza Sundial (1875) -- 15.4.7 Galliciano Sundial (Undated) -- 15.5 Gnomonics and Archaeology -- 15.6 Conclusions -- References -- Chapter 16: Secchi's Science in the Service of the Public -- 16.1 Introduction -- 16.2 The Norcia Earthquake and the Seismic Building Regulation (1859-1860) -- 16.3 The Protection of Monuments from Lightning (1860-1875) -- 16.4 The Distribution of Drinking Water in the Countries of Lazio (1861-1865) -- 16.5 Environment, Climate Change, and Public Health (1862-1866) -- 16.6 The Fire Prevention System of the Basilica of St. Paul Outside the Walls (1868-1878) -- 16.7 Concluding Remarks -- References -- Part III: Some Late Issues -- Chapter 17: The Unfulfilled "Secchi Monument" at Reggio Emilia -- 17.1 Introduction -- 17.2 The Original Proposal -- 17.3 First Delays -- 17.4 The Input of Other Astronomers. 17.5 The Permanent Committee -- 17.6 Two Commissions -- 17.7 Further Delays -- 17.8 Other Proposals -- 17.9 The First World War -- 17.10 The Postwar Situation -- 17.11 Still Other Proposals and Delays -- 17.12 "Not Even a Hut..." -- 17.13 Why Did the Committee Fail? -- 17.14 The Final Monument -- References -- Chapter 18: The Ups and Downs (and Ups Again!) of Astrophysics in Italy After Secchi -- 18.1 Introduction -- 18.2 The Italian Forerunners -- 18.3 The *Memorie* as the First Astrophysical Journal -- 18.4 The Decline of the Italian Spectroscopists -- 18.5 Passing on the Spectroscopists' Baton: Giorgio Abetti Meets George E. Hale -- 18.6 The Resurgence of Astrophysics at Arcetri -- 18.7 A Renewed Interest in Italy -- 18.8 Italian Astrophysics After WWII -- 18.9 Concluding Remarks: Abetti's "History of Astrophysics" -- References -- Chapter 19: Astronomy in Rome After Secchi and His Legacy at the Astronomical Observatory of Rome -- 19.1 Introduction -- 19.2 The Observatory at Collegio Romano -- 19.3 The Observatory at Campidoglio -- 19.4 Astronomy in Rome Between the Two World Wars: The Astronomical Observatory of Rome -- 19.5 Astronomy in Rome After World War II -- 19.6 INAF and the Astronomy in Rome in the New Millennium -- 19.7 Conclusions -- References -- Part IV: Current Resources -- Chapter 20: Secchi's Diffuse Correspondence in Italian Archives -- 20.1 The Main Documentary Archives -- 20.2 Between Heaven and Earth: The Bicentenary of Angelo Secchi -- 20.3 Minor Documentary Archives -- Appendix A: List of Recipients (Letters from Secchi) -- Appendix B: List of Senders (Letters to Secchi) -- References -- Chapter 21: GATE

(Gregorian Archives Texts Editing): An Online Resource of Angelo Secchi Correspondence -- 21.1 Angelo Secchi Observed in His Societal Context -- 21.2 Gregorian Archives Texts Editing (GATE) and Angelo Secchi Papers.
21.3 Angelo Secchi Correspondence.
