
Finding Aid for the Enrico Volterra Papers 1910-2009, bulk 1930-1973

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Descriptive Summary

Title: Enrico Volterra Papers,

Date (inclusive): 1910-2009, bulk 1930-1973

Collection number: 10235-MS

Creator: Volterra, Enrico 1905-1973

Extent: 3 linear feet

Repository: California Institute of Technology. Caltech Archives
Pasadena, California 91125

Abstract: The scientific and personal correspondence of Enrico Volterra (1905-1973) from the collection known as the Papers of Enrico Volterra in the Archives of the California Institute of Technology. He was the son of the distinguished Italian mathematician Vito Volterra. He emigrated from Italy circa 1937, first to England, and finally to the US. He was trained as an engineer and taught at several universities, ultimately settling at the University of Texas at Austin, where he was professor of engineering mechanics and aerospace engineering. The papers contain the autograph collection assembled by Vito Volterra.

Physical location: California Institute of Technology, Institute Archives

Languages represented in the collection: EnglishItalianFrench

Access

The collection is open for research. Researchers must apply in writing for access.

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Preferred Citation

[Identification of item], Enrico Volterra Papers, 10235-MS, Caltech Archives, California Institute of Technology.

Acquisition Information

The autograph collection of Vito Volterra, which originally passed to his son Enrico Volterra, was donated by Enrico's daughter, Virginia Volterra, in 2003. Edith L. Duenk Volterra, Enrico's widow, donated the remainder of the papers--which constitutes the bulk of the collection--to the Caltech Archives on November 9, 2006.

Biography

Enrico Volterra was born June 11, 1905 in Rome, shortly after his father's appointment as Senator of the Kingdom of Italy. The family belonged to Italy's intellectual elite. His mother, Virginia Almagià, was an accomplished pianist and astute businesswoman, and his father, Vito, was professor of mathematics at the University of Rome and the undisputed head of the Italian school of mathematics until Mussolini became dictator in 1925. Enrico was one of six children, two of whom died shortly after birth. After graduation from the city's prestigious Liceo Classico Torquato Tasso, Volterra entered the University of Rome, where he received the degree of civil engineer with highest honors in 1928. That same year he also obtained his professional abilitazione in bridges and roads at the Polytechnic School of Engineering in Naples.

In the period 1930-1938, Volterra held a variety of industrial, research, and academic positions at home and abroad. After serving as assistant to the Chair of Marine Construction at Rome in 1930, he hastened to Paris and the École Nationale des Ponts et Chaussées, where he did research on using photoelastic methods to analyze materials. Later that year, Volterra returned to Rome to start working as a civil engineer in the technical office of the Italian concrete and iron firm Ferrobeton; he worked there for five years and designed many bridges and buildings for this company. In the meantime, the Ministry of Public Instruction had awarded him a postdoctoral fellowship, which allowed him to study rational mechanics under the Roman mathematician Tullio Levi-Civita's direction.

In January 1933, he obtained the libera docenza in the science of structures from the University of Rome. Awarded an Italian government fellowship for study abroad, Volterra spent 1933 in Switzerland, where he worked in Professor Mirko Ros's materials testing laboratory at the Swiss Federal Institute of Technology (ETH) in Zurich, doing research on concrete and reinforced concrete. He also collaborated with Ros that year testing the structures for the new Palace of Nations in Geneva, the headquarters of the League of Nations.

Following his return to Rome in January 1934, Volterra became Levi-Civita's assistant. He also served as lecturer in graphical statics (1934-1938) and rational mechanics (1936-1938) for engineering students at Rome, and lectured on structures (1937-1938) as well in the university's school of architecture. Volterra remained active as a project engineer

during these years, working on road construction in Sicily and various Egyptian construction projects in Alexandria. The 1938 anti-Jewish racial laws ended Volterra's Italian university career. In February 1939, he left Italy and went to England. That September, when Britain declared war on Germany, Volterra was interned for several months on the Isle of Man. Later, with the help of colleagues at Cambridge University, Volterra became a member of King's College, Cambridge, joined the university's engineering laboratory as a research student, and received a PhD in Mechanics from Cambridge University in December 1941. Between 1943 and the end of World War II, he carried out research on plastics and rubber-like materials, under the direction of the versatile Trinity College applied mathematician G. I. Taylor. In June 1946 Volterra returned briefly to Rome. While there, he served as a consultant to the National Research Council's Institute for Applied Mathematics, resumed teaching architectural students at the university, and served as an advisor to the government's ministry of public works. Volterra's move to the New World came in 1949. Appointed associate professor of mechanics at Illinois Institute of Technology, he taught there for four years, followed by five years at Rensselaer Polytechnic Institute in Troy, New York. He joined the engineering faculty as professor of engineering mechanics at the University of Texas at Austin in 1957. Enrico Volterra married Edith Duenk in 1952. They had two daughters. He died in Austin on June 29, 1973.

Biographical Note by Judith R. Goodstein.

Scope and Content

The Enrico Volterra collection is divided into four series, organized in eight archival boxes. Series 1, Correspondence, contains both incoming and outgoing correspondence organized in alphabetically ordered folders. It makes up over half of the collection. Most of the letters are written in Italian and English. The Italian correspondents are more closely related to Enrico Volterra's personal life, especially during the time when he lived in Italy, while the English correspondents are more related to Volterra's work as an engineer at University of Texas at Austin.

Series 2, Biographical, Scientific and Printed Material, groups a small amount of biographical documents together with a sampling of Volterra's scientific activity, such as patents, and the publishing of his textbook, *Advanced Strength of Materials*. The series also includes several printed materials such as news clippings, magazines and reprints of scientific works of Volterra's acquaintances.

Photos and Portraits, Series 3, contains mostly photos of Volterra's father, mathematician Vito Volterra, especially from the 1920s and 1930s. Photos related to Enrico are only a small portion and were taken when he was in his thirties.

Series 4, the Vito Volterra Autograph Collection, contains autographs mostly of famous nineteenth-century scientists, principally Italian and French, arranged in alphabetical order by name. The autographs are predominantly in the form of letters and were either sent to Vito Volterra as part of an exchange of correspondence or purposely purchased by him for his collection. The autograph collection was inherited by Enrico Volterra from his father and has been placed within this collection of Enrico Volterra papers for the purpose of convenience. It was originally donated separately by the Volterra heirs.

The collection is organized into the following series:

- Series 1. Correspondence
- Series 2. Biographical, scientific and printed material
- Series 3. Photos and Portraits
- Series 4. Vito Volterra Autograph Collection

Related Material

Vito Volterra Historical Files.

Indexing Terms

The following terms have been used to index the description of this collection in the library's online public access catalog.

Subjects

California Institute of Technology
Levi-Civita, Tullio, 1873-1941
Nádai, Arpád, 1883-1963
Segrè, Emilio
Taylor, Geoffrey Ingram, Sir, 1886-1975
Volterra, Vito, 1860-1940
Von Kármán, Theodore, 1881-1963
Whittaker, E. T. (Edmund Taylor), 1873-1956

Civil engineering
Mathematics--Italy
Genres and Forms
Autographs--collections--Italy
Occupations
Civil engineers
Mathematicians
Mathematicians--Italy

Series 1. **Correspondence**

- Box 1, Folder 1 **Accademia dei Lincei 1948, 1962**
 Note
 In Italian.
- Box 1, Folder 2 **Amaldi, Edoardo 1957, 1970**
 Note
 In Italian.
- Box 1, Folder 3 **Amaldi, Ugo 1950-1957**
 Note
 In Italian.
- Box 1, Folder 4 **American Institute of Mining, Metallurgical and Petroleum Engineers (A.I.M.E.) 1957**
Box 1, Folder 5 **American Society of Mechanical Engineers 1954-1955, 1966**
Box 1, Folder 6 **Applied Mechanics Reviews 1952-1959**
Box 1, Folder 7 **Artom, Eugenio 1940, 1963-1965**
 Note
 In Italian.
- Box 1, Folder 8 **Ascoli, Max 1949-1953, 1958-1960, 1964, undated**
 Note
 In Italian.
- Box 1, Folder 9 **A Miscellaneous Correspondence**
 Scope and Content Note
 Adcock, Frank undated
 Albenghi, G. [?] 1947
 Aliens War Service Department 1942
 Allievi, Lorenzo undated
 Almagià, Eleonora undated (Business card)
 Almansi, Emilio undated
 Amendola, Giorgio 1926
 Amendola, Giovanni 1923
 Apostolic Delegation, London 1940
 Argentina, Republic of, Consulates 1939, 1941
 Associazione Elettronica Italiana 1946
 Associazione Italiana per gli Studi sui Materiali da Costruzione 1931
 Note
 In English and in Italian.

Baire, René See: Dugac, Pierre

Box 1, Folder 10	Baker, John 1946, 1967
Box 1, Folder 11	Belluzzi, Odone 1947, 1967, undated Note In English and in Italian.
Box 1, Folder 12	Biot, Maurice A. 1953-1957, 1963-1965
Box 1, Folder 13	Bonfante, Giuliano 1925-1926, 1966- 1970 Note In Italian.
Box 1, Folder 14	Buckland, W. W. 1943-1944
Box 1, Folder 15	<i>Bulletin of the Polytechnic Institute of Jassy (Rumania) 1959-1960</i>
Box 1, Folder 16	B Miscellaneous Correspondence Scope and Content Note Bachi, Roberto 1972 Belluzzo, Giuseppe 1931, 1935 Besicovich, A. S. 1946 Bonomi, Ivano 1932, undated Bordoni, Ugo 1934 Borel, Emile 1944 Bousfield Junior School, London 1962 Bragg, William 1940 British Association for the Advancement of Science 1941 Brugnola, Vittorio 1940 Burgers, J. M. 1961 Note In English and in Italian
Box 1, Folder 17	Cassinis, Gino 1946-1950, 1955-1958, undated Note In Italian.
Box 1, Folder 18	Castelnuovo, Guido and Elbina 1935-1938, 1945-1953, undated Note In Italian.
Box 1, Folder 19	Colonnetti, Gustavo 1930-1931, 1946-1961, 1966-1968, 1972, undated Note In Italian.
Box 1, Folder 20	Coen Cagli, Enrico 1930-1945, undated Note In Italian.
Box 1, Folder 21	Coker, Ernest George 1928-1933
Box 1, Folder 22	Consiglio Nazionale delle Ricerche (Italy) (See also: Colonnetti, Gustavo) 1946-1948 Note In Italian.
Box 1, Folder 23	Conti, Luciano 1930-1933 Note In Italian.
	Corbino, Orso Mario See: Segrè, Emilio Gino

Box 1, Folder 24

C Miscellaneous correspondence

Scope and Content Note

California Institute of Technology 1969
Camichel, C. 1930
Canevet, Georges 1969
Cantelli, Francesco Paolo 1952
Caquot, A. 1936
Casal, Pierre 1969
Cassuto, Umberto 1936
Chapman, Alan J. 1968
Chapman, Sidney 1942, 1970, undated
Corbino, Epicarmo 1946
Cordero Lanza di Montezemolo, Andrea 1964
Crocco, Luigi 1952
Croce, Elena ca. 1964
Crombie, Alistair 1968

Note

In English, Italian and French.

Box 2, Folder 1

Den Hartog, Jacob P. 1949, 1954-1965

Box 2, Folder 2

Donnan, Frederick George 1939-1953, undated

Box 2, Folder 3

Dryden, Hugh L. and Libbie 1955-1969

Note

Includes two clippings dated 1969 and 1973.

Box 2, Folder 4

D Miscellaneous Correspondence

Scope and Content Note

Danusso, Arturo 1933, 1948, undated (*See also*: Series 2, Miscellaneous reprints and articles)
Daube, David 1945, 1946
Davis, R. M. 1958
De Bosis, Adolfo undated (Contains a writing in Italian dialect and a draft of a play)
De Bosis, Lauro undated
De Marchi, Giulio 1921, undated (Business cards)
De Ruggiero, Guido undated (Business card)
de Viti de Marco, Antonio 1916(Certificate)
Donnell, Lloyd 1960
Dugac, Pierre 1973

Note

In English and in Italian.

Box 2, Folder 5

Egypte, Légation Royal de 1947-1948

Note

In French.

Box 2, Folder 6

Eringen, Cemal A. 1958-1966

Box 2, Folder 7

Eyring, Henry 1958-1960

Box 2, Folder 8

E Miscellaneous Correspondence

Scope and Content Note

Egerton, Alfred Charles G. 1940
Enciclopedia Italiana 1934
Engel, Runie [?] 1942
Enriques, Anna Maria undated (Business card)
Enriques, Federigo ca. 1937 (Business card)
Etherington, J. M. H. 1941
Evangelisti, Giuseppe 1948, 1951
Ezekiel, Moisé 1910, 1913

Note

In English and in Italian.

Box 2, Folder 9

Fancello, Francesco 1952, 1968

Note

In Italian.

Box 2, Folder 10

Fantoli, Gaudenzio 1930-1932, 1937-1938

Note

In Italian.

Box 2, Folder 11

Favre, Henry 1931-1938, 1946, 1952-1964

Note

In French.

Box 2, Folder 12

Fermi, Enrico and Laura (See also: Segrè, Emilio Gino) 1932, 1949-1956, 1961, 1971

Note

In Italian.

Box 2, Folder 13

Finzi, Bruno 1959-1967, 1971-1973

Note

In Italian.

Box 2, Folder 14

Ford, Hugh 1956-1963

Box 2, Folder 15

F Miscellaneous Correspondence

Scope and Content Note

Faculté des Sciences de Marseille, France 1969
Fasci Italiani all'Estero 1934
Fehr 1940
Ferrari, Carlo 1969
Ferrero, Guglielmo 1941
Folsom, Richard Gilman 1956, 1967
Frechet, Henry undated
Frechet, Maurice 1939, 1948
Freda, Elena ca. 1938-1940
Fubini, Guido undated (Cards)

Note

In English, Italian and French.

Box 2, Folder 16

**Gentile, Giovanni See: Enciclopedia Italiana
Goodier, Norman 1954-1964**

Box 2, Folder 17	Great Britain, British Admiralty -- Department of Scientific Research and Experiment 1943-1945 Note Includes notes.
Box 2, Folder 18 Box 2, Folder 19	Gross, Bernhard 1952-1956 G Miscellaneous Correspondence Scope and Content Note Giovannoni, Gustavo 1930-1933, undated (Business cards) Goodstein, Judith R. 1972 Graffi, Dario 1959 Graham-Campbell, Archibald Rollo 1947-1948 Gray, James 1945 Griffis, LeVan 1959 Grioli, Giuseppe 1956-1960, undated Great Britain, Government of -- Home Office 1939 Guidi, Camillo 1934, 1937, undated Guidi, Michelangelo 1940 Note In English and in Italian.
Box 3, Folder 1 Box 3, Folder 2 Box 3, Folder 3 Box 3, Folder 4 Box 3, Folder 5 Box 3, Folder 6 Box 3, Folder 7 Box 3, Folder 8 Box 3, Folder 9 Box 3, Folder 10 Box 3, Folder 11 Box 3, Folder 12	Heiskanen, Weikko Aleksanteri (See also: Series 2, Talks and speeches) 1956-1959 Hill, Archibald V. 1940-1945, 1952 Hodge, Philip G. Jr. 1954-1958 Hodge, William V. D. 1942 Hopkins, H. Geoffrey 1962-1964 Houston, William Vermillion 1959 Imperial College of Science and Technology, London 1962 Illinois Institute of Technology 1949-1951 Jones, John P. 1959 <i>Journal of the Acoustical Society of America</i> 1958 <i>Journal of Applied Mechanics</i> 1952-1954 H-K Miscellaneous Correspondence Scope and Content Note Hambloch, Ernest 1941 Hardy, Godfrey Harold 1939 Heald, Henry T. 1950 Henry, T. Held 1950 Herrmann, George 1957 Higgins, Thomas J. 1954-1958 (Thank you cards) Hoff, Nicholas J. 1968 International Association for Bridge and Structural Engineering (IABSE) 1959 King's College (University of Cambridge) 1955 Kline L. V. 1959
Box 3, Folder 13 Box 3, Folder 14 Box 3, Folder 15 Box 3, Folder 16	Lee, Erastus H. 1950, 1959, 1963-1965 Lensky, V. S. 1963-1966 Leon, Eva 1949-1950, 1954, undated Levi, Alessandro ca. 1938-1940, 1940-1947, 1952-1953, undated Note In Italian.
Box 3, Folder 17	Levi, Beppo 1939-1943 Note In Italian.

- Box 3, Folder 18 **Levi-Civita, Tullio (1) 1916-1917, 1927-1938**
 Note
 Contains a Levi-Civita notebook on analytical mechanics. In Italian.
- Box 3, Folder 19 **Levi-Civita, Tullio (2) 1939-1940, undated**
 Note
 In Italian.
- Box 3, Folder 20 **Levi-Civita, Tullio -- Obituaries and Commemorations 1941-1942**
 Note
 Includes talks and news clippings. In Italian.
- Box 3, Folder 21 **L'Hermite, Robert 1968-1971**
 Note
 In French.
- Box 3, Folder 22 **Lincoln, Jack 1968**
Box 3, Folder 23 **Lombardi, Luigi 1929-1936, undated**
 Note
 In Italian.
- Box 3, Folder 24 **Lovett, Edgar Odell 1939, undated**
Box 3, Folder 25 **Lussu, Emilio 1938, 1948-1957, 1970-1973, undated**
 Note
 In Italian.
- Box 3, Folder 26 **L Miscellaneous Correspondence**
 Scope and Content Note
 La Pira, Giorgio undated
 Lely, Cornelis 1929
 Lessels, John M. 1957
 Levi, Carlo undated
 Lombardi, Renato 1929-1934
 Luria, Salvatore 1937, 1940
 Lindsey, Paul 1960
 Note
 In English and in Italian.
- Box 4, Folder 1 **Majorana, Ettore (See also: Segrè, Emilio Gino) 1973**
 Note
 In Italian.
- Box 4, Folder 2 **Majorana, Luciano and Nunny 1950, 1957, 1967**
 Note
 In Italian.
- Box 4, Folder 3 **Mandelbrojt, Szolem 1958-1965, 1969-1973**
 Note
 In English and in French.
- Box 4, Folder 4 **Marchiafava, Ettore 1924, 1929-1930, 1935**
 Note
 In Italian.
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Box 4, Folder 5 Box 4, Folder 6	McGraw-Hill Book Company See: Belluzzi, Odone Mechanical Engineering 1963 Mesnager, Augustin 1931 Note In French.
Box 4, Folder 7	Miele, Angelo 1964-1966, 1970 Note In English and in Italian.
Box 4, Folder 8 Box 4, Folder 9 Box 4, Folder 10 Box 4, Folder 11	Mindlin, Raymond D. 1949-1951 Minorsky, Nicolaj 1960-1968 Moisil, Grigore C. 1959-1964, undated M Miscellaneous Correspondence Scope and Content Note Maggi, Gian Antonio 1931 (Business card) Maurain, Charles undated (Business card) Meissner, K. W. 1950, undated Meyer-Peter, E. undated (Business card) Milani, Aminta 1939, undated Ministero dei Lavori Pubblici, Italy 1946 Momigliano, Attilio 1940 Montecorboli, Enrico 1971 (Includes news clippings) Montel, Paul undated (Business card) Moore, Robert and Margaret 1958-1959 Morell, J. D. 1960 Morse, Marston 1959
Box 4, Folder 12 Box 4, Folder 13	Nàdai, (L.) Árpád (1) 1949-1955 Nàdai, (L.) Árpád (2) 1956-1963, undated Note In English and in German.
Box 4, Folder 14	Nàdai, (L.) Árpád, Bingham Medal 1952, 1955, 1957 Note The folder contains copy of Nàdai's instructions found in the medal box. The medal is located in the Archives Medals and Awards Series.
Box 5, Folder 1 Box 5, Folder 2 Box 5, Folder 3 Box 5, Folder 4 Box 5, Folder 5 Box 5, Folder 6	National Aeronautics and Space Administration (NASA) See: Dryden, Hugh L. and Libbie Pennsylvania State University 1957-1959 Peres, Joseph See: Consiglio Nazionale delle Ricerche Reid, Constance 1964-1965, 1970 Reiner, Markus 1960-1968 Reissner, Eric (See also: Series 2, Talks and speeches) 1952-1954, 1964, undated Rensselaer Polytechnic Institute 1953-1957 Rivlin, Ronald 1952, 1958, 1965, undated Note Includes notes.
Box 5, Folder 7 Box 5, Folder 8	Robson, J. D. 1968-1969 Romita, Giuseppe 1936-1937, 1947, 1953, undated Note In Italian.

- Box 5, Folder 9 **Roš, Mirko and Adele 1930-1941, 1946-1949, 1956**
 Note
 In French, German, Italian and English.
- Box 5, Folder 10 **Royal Society See: Hill, Archibald**
 Ruffini, Edoardo 1945-1946, undated
 Note
 In Italian.
- Box 5, Folder 11 **P-R Miscellaneous Correspondence**
 Scope and Content Note
 Pakzad, Houchang 1969
 Purdue University 1960
 Rebecchini, Salvatore 1937
 Reina, Vincenzo 1916
 Reissner, Hans 1949
 Ritter, Max 1931
 Rohn 1935 (Thank you card)
 Romita, Pier Luigi 1951, 1958
 Rosselli, Amelia 1939
 Rosselli, Marion 1947
 Rossi, Bruno 1965, undated
 Rice Institute, The 1959
 Ricerche di Ingegneria (journal) 1934
 Rijksbureau voor de Ontwatering (The Netherlands) 1929
 Note
 In French, English and Italian.
- Box 5, Folder 12 **Sadowsky, Michael A. and Hilda 1952-1955, 1960-1961, 1966, undated**
Box 5, Folder 13 **Segre, Beniamino 1940, 1946-1952, 1957-1959, 1965-1969, 1972, undated**
 Note
 In Italian.
- Box 5, Folder 14 **Segrè, Emilio Gino 1925-1929, 1952, 1958-1963, 1970-1972, undated**
 Note
 Includes a biographical note on Enrico Fermi by Segrè.
- Box 5, Folder 15 **Shove, G. Z. 1940-1941**
Box 5, Folder 16 **Siglianti, Stefano and Ines 1947-1952, 1959-1960, 1965-1966, 1971, undated**
 Note
 In Italian.
- Box 5, Folder 17 **Somigliana, Carlo 1931-1935, 1940**
 Note
 In Italian.
- Box 5, Folder 18 **Southwell, Richard V. and Isabella 1939, 1947, 1954-1963**
Box 5, Folder 19 **Southwest Research Institute 1958-1959, 1964**
Box 5, Folder 20 **Sternberg, Eli and Jean 1951-1953, undated**

Box 5, Folder 21

S Miscellaneous Correspondence

Scope and Content Note

Salvadori, Massimo 1940
Scorza, G. 1932
Segni, Antonio 1960
Segrè, Gino 1940
Seth, B. R. 1960
Sheppard, John 1947
Signorini, Antonio 1962
Society for the Protection of Science and Learning 1958
Sokolnikoff 1949
Sraffa, Irma and Piero 1940
Symonds, P. S. 1950

Note

In Italian and in English.

Box 6, Folder 1

Tank, F. 1931-1932

Note

In French.

Box 6, Folder 2

Taylor, Geoffrey I. and Stephanie (See also: Series 2, Miscellaneous reprints and articles) 1940-1948, 1952-1965

Box 6, Folder 3

Taylor, Geoffrey I. 1966-1973, undated

Note

Includes a summary of a lecture, a draft of article, notes and publications.

Box 6, Folder 4

Taylor, Geoffrey I. -- Visit to University of Texas at Austin (See also: Series 2, Talks and speeches;) 1968

Note

Includes biographical sketches of Taylor, programs and invitations.

Box 6, Folder 5

Technion, Israel Institute of Technology See: Reiner, Markus

Box 6, Folder 6

Timoshenko, Stephen 1939, 1948-1949, 1956-1957, 1964-1965

Treves, Piero and Janet (See also: Series 2, Miscellaneous reprints and articles) 1932, 1939-1941, 1945-1946, 1967-1973

Note

Includes notes and two publications. In Italian and in French.

Box 6, Folder 7

Tricomi, Francesco Giacomo (See also: Series 2, Reprints by Tricomi, Francesco Giacomo) 1950, 1958, 1965, 1972

Note

Includes a list of publications. In Italian.

Box 6, Folder 8

Truesdell, Carl A. 1953-1955

Box 6, Folder 9

T Miscellaneous Correspondence

Scope and Content Note

Tonolo, Angelo 1947
Treves, Paolo undated
Treves, Claudio 1969,1970
Turner, J. C. Robin 1973

Note

In Italian and in English.

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- | | |
|------------------|---|
| Box 6, Folder 10 | Universidad Nacional del Litoral, Rosario (Argentina) 1939-1943
Note
In Spanish, Italian and English. |
| Box 6, Folder 11 | University of California: Los Angeles 1962-1964
University of Texas at Austin See: Taylor, Geoffrey
University of Nottingham (Great Britain) See: Warburton, G. B. |
| Box 6, Folder 12 | Valensi, Jacques 1961, 1969, 1973
Note
In French and in English. |
| Box 6, Folder 13 | Vivante, Cesare 1940s, 1946-1950, 1956, 1965
Note
In Italian. |
| Box 6, Folder 14 | Vivante, Elena 1954-1961, 1969
Note
In Italian. |
| Box 6, Folder 15 | Vivante, Paolo 1962-1968, 1973
Note
In Italian. |
| Box 7, Folder 1 | Vogel, Theodore 1969-1971, undated
Note
Includes a paper by Vogel. In French and in English. |
| Box 7, Folder 2 | Volterra Almagià, Virginia (See also: Levi, Beppo; Mandelbrojt Szolem; Roš, Mirko; Von Kármán, Theodore) 1952, 1963-1964
Note
In Italian and in French. |
| Box 7, Folder 3 | Von Kármán, Theodore (See also: Series 2, News clippings miscellaneous) 1947-1962, 1992
Note
Includes the 1962 AGARD General Information, some notes and printed material. In English, in French and in Italian. |
| Box 7, Folder 4 | Von Kármán, Theodore -- Award 1959-1961
Volterra, Vito See: Hill, Archibald V.; Levi, Beppo; Levi-Civita, Tullio; Mandelbrojt, Szolem; Milani, Aminta; Southwell, Richard and Isabella; Nàdai, (L.) Árpád; Taylor, Geoffrey I.; Reid, Constance; Treves, Claudio; Weil, André; Whittaker, Edmund
Volterra Duenk, Edith L. See: Nàdai, (L.) Árpád; Sadowsky, Michael; Taylor, Geoffrey I.; Von Kármán, Theodore |
| Box 7, Folder 5 | Von Mises, Richard 1939
Note
In French and in English. |

Box 7, Folder 6

V Miscellaneous Correspondence

Scope and Content Note

Valette, Jean Roubaud 1949
Vallauri, Giancarlo 1932, undated (Thank you cards)
Vandiver, Harry S. 1958-1960
Vermolen, Jan Th. W. J. 1928
Van Konynenburg 1928
Veblen, Oswald 1959
Vivante, Leone 1963-1967
Von Mises, Hilda 1956

Note

In French, Italian and English.

Box 7, Folder 7

Warburton, Geoffrey B. 1959-1960, 1968-1971

Box 7, Folder 8

Whittaker, Edmund T. 1940-1947, 1951-1954, undated

Box 7, Folder 9

W-Z Miscellaneous Correspondence

Scope and Content Note

Weil, André 1940
Wortman, H. 1929
Zazhmanoglou, E. C. 1957

Note

In French and in English.

Box 7, Folder 10

Miscellaneous unsigned business cards undated

Box 7, Folder 11

Unidentified correspondence 1931, 1951

Series 2. **Biographical, scientific and printed material**

Biographical material

Box 7, Folder 12

Curricula and biographical information 1943, 1971, undated

Note

In French, English and Italian.

Box 7, Folder 13

Personal miscellaneous 1924, 1932-1933, 1938 undated

Note

In Italian, French, German and English.

Scientific material

Box 7, Folder 14

Radio interviews 1941, 1946

Note

In Italian.

Box 7, Folder 15

Talks and speeches 1946, 1957, 1968, undated

Note

In French and in English.

Box 7, Folder 16

Conferences 1931, 1955, 1960

Note

In French and in English.

Box 7, Folder 17

Patent specifications and scientific certificates 1932-1938

Note

In Italian and in English.

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- Box 7, Folder 18 **Advanced Strength of Material, photos of scientists published in the book (1) 1971**
Note
Reproductions from prints in the Vito Volterra collection in Ariccia (Rome).
- Box 7, Folder 19 **Advanced Strength of Material, photos of scientists published in the book (2) 1971**
Note
Reproductions from prints in different societies and organizations.
- Box 7, Folder 20 **Printed material**
Box 7, Folder 21 **News clippings miscellaneous on Volterra's acquaintances 1956, 1961, undated**
Reprints and articles miscellaneous on or by Volterra's acquaintances 1953, 1962, 1972
Note
In Italian and in English.
- Box 7, Folder 22 **Reprints by Tricomi, Francesco Giacomo 1968-1972**
Note
In Italian.
- Box 7.1, Folder 1 **Magazines and brochure miscellaneous 1941, 1955, 1981**
Note
In Italian and in English.
- Box 7.1, Folder 2 **Nozioni di Statica Grafica, Volterra, Enrico. Rome: Libreria Politecnica. 1937**
Note
Handwritten notes by Tullio Levi-Civita. In Italian.
- Box 7.1, Folder 3 **Sur L'équilibre des Corps Élastiques Multiplement Connexes, Volterra, Vito. Paris: Gauthier-Villars. 1907**
- Box 7.1, Folder 4 **L'Accademia Nazionale dei Lincei, Picone, Mario. Rome: Tipografia del Senato 1957**
- Box 7.1, Folder 5 **L'Archivio di Enrico Volterra allo CSAC di Parma 2008-2009**
Note
University thesis by Rossella Romito. In Italian.

Series 3. **Photos and Portraits**

- Box 8, Folder 1 **Vito Volterra family on a city trip ca. 1935**
- Box 8, Folder 2 **Enrico Volterra alone and with friends 1930s**
- Box 8, Folder 3 **Vito Volterra and wife Virginia ca. 1937**
- Box 8, Folder 4 **World War I ca. 1915**
- Box 8, Folder 5 **Vito Volterra with unidentified people 1920s, undated**
Note
May include photos with Marie and Irène Curie.
- Box 8, Folder 6 **Vito Volterra portraits undated**
- Box 8, Folder 7 **Vito Volterra at the Accademia Pontificia 1930s**
- Box 8, Folder 8 **Vito Volterra Medal, photo reproductions undated**
Note
With negative.
- Box 8, Folder 9 **Josèph Pères, Geoffrey Taylor and Umberto Leoni (?) undated**
- Box 8, Folder 10 **Drawings by G. Almagià 1853, undated**
- Box 8, Folder 11 **Vito Volterra in New York 1909 August**

Box 8, Folder 12	Group photo of participants at the 7th International Congress of Applied Mechanics 1948
Box 8, Folder 13	Villino Volterra in Ariccia undated
Box 8, Folder 14	Photo negatives undated Physical Description: Some glass negatives.

Series 4. **Vito Volterra Autograph Collection**

Box 8, Folder 15	Betti, Enrico (1823-1892) 1855, undated
Box 8, Folder 16	Bianchi, Luigi (1856-1928) 1927-1928
Box 8, Folder 17	Boselli, Paolo (1838-1932) 1923
Box 8, Folder 18	Cannizzaro, Stanislao (1826-1910) 1901-1907
Box 8, Folder 19	Canonico, Tancredi (1828-1908) 1904
Box 8, Folder 20	Cremona, Luigi (1830-1903) 1903, undated
Box 8, Folder 21	D'Ancona, Alessandro (1835-1914) 1903, undated
Box 8, Folder 22	Darboux, Jean Gaston (1842-1917) 1900
Box 8, Folder 23	De Broglie, Louis (1892-1987) undated
Box 8, Folder 24	Delisle, Léopold (1826-1910) 1903
Box 8, Folder 25	Ferraris, Galileo (1847-1897) undated
Box 8, Folder 26	Goursat, Édouard (1858-1936) 1935
Box 8, Folder 27	Hale, George Ellery (1868-1938) 1934
Box 8, Folder 28	Hermite, Charles (1822-1901) ca. 1850, 1899, 1900
Box 8, Folder 29	Hortis, Attilio (1850-1926) 1922
Box 8, Folder 30	Klein, Felix (1849-1925) 1900
Box 8, Folder 31	Kowalevski, Sophie (1850-1891) 1890
Box 8, Folder 32	Lampertico, Fedele (1833-1906) ca. 1903
Box 8, Folder 33	Le Châtelier, Henri (1850-1936) 1932
Box 8, Folder 34	Leroy-Beaulieu, Paul (1843-1916) 1904
Box 8, Folder 35	Lovatelli, Ersilia Caetani (1840-1925) undated
Box 8, Folder 36	Luzzatti, Luigi (1841-1927) undated
Box 8, Folder 37	Newcomb, Simon (1835-1909) 1902, 1906, undated
Box 8, Folder 38	Noether, Max (1844-1921) undated
Box 8, Folder 39	Pacinotti, Antonio (1841-1912) 1898, undated
Box 8, Folder 40	Painlevé, Paul (1863-1933) undated
Box 8, Folder 41	Schiaparelli, Giovanni (1835-1910) 1889, ca. 1901, 1902, 1905, 1907, undated
Box 8, Folder 42	Sella, Quintino (1827-1884) and Alfonso (1865-1907) 1873, 1883, 1902, undated
Box 8, Folder 43	Sgambati, Giovanni (1841-1914) and Costanza 1900-1901, undated