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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: English, Italian, French

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.


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, Árpád, 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  Bulletin of the Polytechnic Institute of Jassy (Rumania) 1959-1960
Box 1, Folder 16  B Miscellaneous Correspondence

Scope and Content Note
Bachi, Roberto 1972
Belluzzo, Giuseppe 1931, 1935
Besicovich, A. S. 1946
Bonomi, Ivanoe 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.


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
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.

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.

Egypte, Légation Royal de 1947-1948

Note
In French.
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  

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  
**G 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  Gross, Bernhard 1952-1956
Box 2, Folder 19  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  Heiskanen, Weikko Aleksanteri (See also: Series 2, Talks and speeches) 1956-1959
Box 3, Folder 2  Hill, Archibald V. 1940-1945, 1952
Box 3, Folder 3  Hodge, Philip G. Jr. 1954-1958
Box 3, Folder 4  Hodge, William V. D. 1942
Box 3, Folder 5  Hopkins, H. Geoffrey 1962-1964
Box 3, Folder 6  Houston, William Vermillion 1959
Box 3, Folder 7  Imperial College of Science and Technology, London 1962
Box 3, Folder 8  Illinois Institute of Technology 1949-1951
Box 3, Folder 9  Jones, John P. 1959
Box 3, Folder 10  Journal of the Acoustical Society of America 1958
Box 3, Folder 11  Journal of Applied Mechanics 1952-1954
Box 3, Folder 12  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 14  Lensky, V. S. 1963-1966
Box 3, Folder 15  Leon, Eva 1949-1950, 1954, undated
Note
In Italian.

Box 3, Folder 17  Levi, Beppo 1939-1943
Note
In Italian.
<table>
<thead>
<tr>
<th>Box 3, Folder 18</th>
<th>Levi-Civita, Tullio (1) 1916-1917, 1927-1938</th>
</tr>
</thead>
<tbody>
<tr>
<td>Note</td>
<td>Contains a Levi-Civita notebook on analytical mechanics. In Italian.</td>
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<thead>
<tr>
<th>Box 3, Folder 19</th>
<th>Levi-Civita, Tullio (2) 1939-1940, undated</th>
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<tbody>
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<td>Note</td>
<td>In Italian.</td>
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<thead>
<tr>
<th>Box 3, Folder 20</th>
<th>Levi-Civita, Tullio -- Obituaries and Commemorations 1941-1942</th>
</tr>
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<tbody>
<tr>
<td>Note</td>
<td>Includes talks and news clippings. In Italian.</td>
</tr>
</tbody>
</table>

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<tr>
<th>Box 3, Folder 21</th>
<th>L’Hermite, Robert 1968-1971</th>
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</thead>
<tbody>
<tr>
<td>Note</td>
<td>In French.</td>
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<tr>
<th>Box 3, Folder 22</th>
<th>Lincoln, Jack 1968</th>
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<th>Box 3, Folder 23</th>
<th>Lombardi, Luigi 1929-1936, undated</th>
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<tbody>
<tr>
<td>Note</td>
<td>In Italian.</td>
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<th>Box 3, Folder 24</th>
<th>Lovett, Edgar Odell 1939, undated</th>
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<th>Box 3, Folder 26</th>
<th>L Miscellaneous Correspondence</th>
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<tr>
<td>Scope and Content Note</td>
<td>La Pira, Giorgio undated</td>
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<tr>
<td></td>
<td>Lely, Cornelis 1929</td>
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<td></td>
<td>Lessels, John M. 1957</td>
</tr>
<tr>
<td></td>
<td>Levi, Carlo undated</td>
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<tr>
<td></td>
<td>Lombardi, Renato 1929-1934</td>
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<td></td>
<td>Luria, Salvatore 1937, 1940</td>
</tr>
<tr>
<td></td>
<td>Lindsey, Paul 1960</td>
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<td>Note</td>
<td>In English and in Italian.</td>
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<table>
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<tr>
<th>Box 4, Folder 1</th>
<th>Majorana, Ettore ( See also: Segrè, Emilio Gino) 1973</th>
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<tbody>
<tr>
<td>Note</td>
<td>In Italian.</td>
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<tr>
<th>Box 4, Folder 2</th>
<th>Majorana, Luciano and Nunny 1950, 1957, 1967</th>
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<tbody>
<tr>
<td>Note</td>
<td>In Italian.</td>
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<td>Note</td>
<td>In English and in French.</td>
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<tr>
<th>Box 4, Folder 4</th>
<th>Marchiafava, Ettore 1924, 1929-1930, 1935</th>
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<tbody>
<tr>
<td>Note</td>
<td>In Italian.</td>
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</table>
Box 4, Folder 5
McGraw-Hill Book Company  See: Belluzzi, Odone
Mechanical Engineering 1963

Box 4, Folder 6
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
Mindlin, Raymond D. 1949-1951
Minorsky, Nicolaj 1960-1968

Box 4, Folder 9
Moisil, Grigore C. 1959-1964, undated

Box 4, Folder 10
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 11
Nàdai, (L.) Árpad (1) 1949-1955
Nàdai, (L.) Árpad (2) 1956-1963, undated
Note
In English and in German.

Box 4, Folder 12
Nàdai, (L.) Árpad, 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
National Aeronautics and Space Administration (NASA) See: Dryden, Hugh L. and Libbie
Pennsylvania State University 1957-1959
Peres, Joseph See: Consiglio Nazionale delle Ricerche

Box 5, Folder 2
Reid, Constance 1964-1965, 1970

Box 5, Folder 3
Reiner, Markus 1960-1968

Box 5, Folder 4
Reissner, Eric ( See also: Series 2, Talks and speeches) 1952-1954, 1964, undated

Box 5, Folder 5
Rensselaer Polytechnic Institute 1953-1957

Box 5, Folder 6
Note
Includes notes.

Box 5, Folder 7
Robson, J. D. 1968-1969

Box 5, Folder 8
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. |
Note  
In Italian. |
Note  
Includes a biographical note on Enrico Fermi by Segrè. |
| Box 5, Folder 15 | Shove, G. Z. 1940-1941 |
Note  
In Italian. |
| Box 5, Folder 17 | Somigliana, Carlo 1931-1935, 1940  
Note  
In Italian. |
<p>| 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 |</p>
<table>
<thead>
<tr>
<th>Box 5, Folder 21</th>
<th>S Miscellaneous Correspondence</th>
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<tbody>
<tr>
<td>Scope and Content Note</td>
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<tr>
<td>Salvadori, Massimo 1940</td>
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<td>Scorza, G. 1932</td>
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<td>Segni, Antonio 1960</td>
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<td>Segrè, Gino 1940</td>
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<td>Seth, B. R. 1960</td>
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<td>Sheppard, John 1947</td>
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<td>Signorini, Antonio 1962</td>
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<td>Society for the Protection of Science and Learning 1958</td>
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<tr>
<td>Sokolnikoff 1949</td>
<td></td>
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<tr>
<td>Sraffa, Irma and Piero 1940</td>
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<tr>
<td>Symonds, P. S. 1950</td>
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<tr>
<td>Note</td>
<td></td>
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<tr>
<td>In Italian and in English.</td>
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<table>
<thead>
<tr>
<th>Box 6, Folder 1</th>
<th>Tank, F. 1931-1932</th>
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<tbody>
<tr>
<td>Note</td>
<td></td>
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<tr>
<td>In French.</td>
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<table>
<thead>
<tr>
<th>Box 6, Folder 2</th>
<th>Taylor, Geoffrey I. and Stephanie (See also: Series 2, Miscellaneous reprints and articles) 1940-1948, 1952-1965</th>
</tr>
</thead>
<tbody>
<tr>
<td>Box 6, Folder 3</td>
<td>Taylor, Geoffrey I. 1966-1973, undated</td>
</tr>
<tr>
<td>Note</td>
<td></td>
</tr>
<tr>
<td>Includes a summary of a lecture, a draft of article, notes and publications.</td>
<td></td>
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</tbody>
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<table>
<thead>
<tr>
<th>Box 6, Folder 4</th>
<th>Taylor, Geoffrey I. -- Visit to University of Texas at Austin (See also: Series 2, Talks and speeches; ) 1968</th>
</tr>
</thead>
<tbody>
<tr>
<td>Note</td>
<td></td>
</tr>
<tr>
<td>Includes biographical sketches of Taylor, programs and invitations.</td>
<td></td>
</tr>
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</table>

<table>
<thead>
<tr>
<th>Box 6, Folder 5</th>
<th>Technion, Israel Institute of Technology See: Reiner, Markus</th>
</tr>
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<tbody>
<tr>
<td>Box 6, Folder 6</td>
<td>Treves, Piero and Janet (See also: Series 2, Miscellaneous reprints and articles) 1932, 1939-1941, 1945-1946, 1967-1973</td>
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<td>Note</td>
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</tr>
<tr>
<td>Includes notes and two publications. In Italian and in French.</td>
<td></td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>Box 6, Folder 7</th>
<th>Tricomi, Francesco Giacomo (See also: Series 2, Reprints by Tricomi, Francesco Giacomo) 1950, 1958, 1965, 1972</th>
</tr>
</thead>
<tbody>
<tr>
<td>Note</td>
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<tr>
<td>Includes a list of publications. In Italian.</td>
<td></td>
</tr>
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</table>

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<thead>
<tr>
<th>Box 6, Folder 8</th>
<th>Truesdell, Carl A. 1953-1955</th>
</tr>
</thead>
<tbody>
<tr>
<td>Box 6, Folder 9</td>
<td>T Miscellaneous Correspondence</td>
</tr>
<tr>
<td>Scope and Content Note</td>
<td></td>
</tr>
<tr>
<td>Tonolo, Angelo 1947</td>
<td></td>
</tr>
<tr>
<td>Treves, Paolo undated</td>
<td></td>
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<tr>
<td>Treves, Claudio 1969,1970</td>
<td></td>
</tr>
<tr>
<td>Turner, J. C. Robin 1973</td>
<td></td>
</tr>
<tr>
<td>Note</td>
<td></td>
</tr>
<tr>
<td>In Italian and in English.</td>
<td></td>
</tr>
</tbody>
</table>
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  
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; Nádai, (L.) Árpad; Taylor, Geoffrey I.; Reid, Constance; Treves, Claudio; Weil, André; Whittaker, Edmund Volterra Duenk, Edith L. See: Nádai, (L.) Árpad; 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

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, Italian and 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

Box 7, Folder 12
Biographical material
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.

Box 7, Folder 14
Scientific material
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.
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.

*Printed material*

Box 7, Folder 20  News clippings miscellaneous on Volterra's acquaintances 1956, 1961, undated
Box 7, Folder 21  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*
### Series 3. Photos and Portraits

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

### 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, Stanislaw (1826-1910) 1901-1907                                            |
| Box 8, Folder 19 | Canonico, Tancred (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                    |