

Sebba, Felix, Papers

Felix Sebba Papers

1979-1989



Title Statement

Sebba, Felix, Papers Felix Sebba Papers, 1979-1989 Ms.1990.008

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Profile Description

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Descriptive Summary

Unit ID

Ms.1990.008

Unit Date

1979-1989

Language

The materials in the collection are in English.

Abstract

The collection consists primarily of materials concerning Felix Sebba's research into the uses of aprons and other foams from 1979 to 1989. Materials include correspondence, notes on research, and both published and unpublished papers.

Creator

Sebba, Felix, 1912-1989

Extent

4.2 Cubic Feet 3 boxes

Repository

Special Collections and University Archives, Virginia Tech

Administrative Information

Conditions Governing Access

The collection is open for research.

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Scope and Content

The collection was donated to Special Collections in May 1990.

Processing Information

The processing, arrangement, and description of the Felix Sebba Papers was completed in December 2013.

Preferred Citation

Researchers wishing to cite this collection should include the following information: [identification of item], [box], [folder], Felix Sebba Papers, Ms1990-008, Special Collections and University Archives, Virginia Tech, Blacksburg, Va.

Biographical Note

Felix Sebba (November 21, 1912-June 14, 1989) was a Professor of Chemical Engineering (1979-1989) at Virginia Polytechnic Institute and State University. A native of Cape Town, South Africa, he taught for 22 years at the University of Witwatersrand in Johannesburg. Sebba was a fellow of the Royal Society of Chemistry and the Chemical Society and the discoverer of and expert on aphrons. He authored *Foams and Biliquid Foams- Aphrons* and was published in a number of scientific journals.

Scope and Content

The collection consists primarily of materials concerning Felix Sebba's research into the uses of aphrons and other foams from 1979 to 1989. Materials include correspondence, notes on research, and both published and unpublished papers.

Separated Materials

The following books were removed from the collection and cataloged for the Rare Book Collection:

- Carr, A.D. *Continuous Countercurrent Fractional Extraction*. 1952.
- Changfoot, Jack. *Catalytic Decomposition of Ammonia*. 1961.
- Honeycutt, Susan S. *A Technique for Harvesting Unicellular Algae Using Colloidal Gas Aphrons*. 1983.
- Hope, C.J. *Analytical Applications of Ion Flotation*. 1962.
- Jach, Joseph. *The Melting Process*. 1952.
- Lotz, C.R. *A Comparative Study of the Effects of Nitrides of the Transition Elements on the Activation Energy for the Ammonia Decomposition*. 1956.
- Lovell, V.M. *The Adsorption of Surface Active Electrolytes on Solid Oxide Surfaces*. 1965.
- Lusher, John Anthony. *An Investigation into Factors Relevant to the Separation of Beryllium and Aluminium Complexes in Aqueous Solutions*. 1963.
- McGill, W.J. *A Study of the Kinetics of Ammonia Decomposition Over Vanadium Nitride*. 1962.
- Sheiham, Ivan. *A Study of Some Aspects of the Flotation of Precipitates, Colloids, and Collectors* 1970.
- Spargo, P.E. *A Study of Some Aspects of Solvent Sublimation*. 1968.
- Pinfold, T.A. *Electrochemical Studies in Anhydrous Formic Acid*. 1956.
- Rice, Nevill Matson. *The Ion Flotation of Zirconium*. 1963.
- Sebba, Felix. *Extraction of Gallium and Germanium from Germanite*. n.d.
- Segal, N.S. *The Ammonia Synthesized by Uranium Nitride*. 1965.
- Smith, M.Y. *An Investigation into the Photosensitization Properties of Zinc Oxide with and without the Addition of Impurity Ions*. 1960.

Keywords

Rights Statement for Archival Description

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Arrangement

The collection is arranged alphabetically.

Description of Subordinate Components

Subject Files, A-C

Algae Harvesting

box-folder 1 (box)

Container 1 (folder)

American Petroleum Institute [4 folders]

box-folder 1 (box)

Container 2-5 (folder)

Antifreeze Foam

box-folder 1 (box)

Container 6 (folder)

Aphrons in Biology. D.A. Wallis [2 folders]

box-folder 1 (box)

Container 7-8 (folder)

Aphron Tech, Inc.

box-folder 1 (box)

Container 9 (folder)

A Polyaphron Mode for Biomembranes

box-folder 1 (box)

Container 10 (folder)

Application of Colloidal Gas Aphrons for Removal of Clays from Phosphate Slimes by Flotation. Florida Institute of Phosphate Research.

box-folder 1 (box)

Container 11 (folder)

Application of Microgas Dispersions for Removal of Clays from Phosphate Slimes

box-folder 1 (box)

Container 12 (folder)

Arthritis

box-folder 1 (box)
Container 13 (folder)

Batelle Laboratories [2 folders]

box-folder 1 (box)
Container 14-15 (folder)

Biomembrane [2 folders]

box-folder 1 (box)
Container 16-17 (folder)

Bubbles and Thin Film Reviews

box-folder 1 (box)
Container 18 (folder)

Cancer [3 folders]

box-folder 1 (box)
Container 19-21 (folder)

Carbon Allotropes

box-folder 1 (box)
Container 22 (folder)

CHE. Center for Research and Industrial Development of Aphron Systems

box-folder 1 (box)
Container 23 (folder)

Cholesterol: National Dairy Council

box-folder 1 (box)
Container 24 (folder)

Coal Cleaning

box-folder 1 (box)
Container 25 (folder)

Colloidal Gas Aphrons [3 folders]

box-folder 1 (box)
Container 26-28 (folder)

Colloidal Liquid Aphrons

box-folder 1 (box)
Container 29 (folder)

Concrete Protection [2 folders]

box-folder 1 (box)
Container 30-31 (folder)

Subject Files, D-N

Diamond II [3 folders]

box-folder 1 (box)

Container 32-34 (folder)

Declined

Unit Date April 23, 1985

box-folder 1 (box)

Container 35 (folder)

Declined [2 folders]

Unit Date May 24, 1985

box-folder 2 (box)

Container 1-2 (folder)

Development of Film Dispersed Solvent Extraction [2 folders]

box-folder 2 (box)

Container 3-4 (folder)

Disclosures to VPI., C.G.A., P.A., Tar Sands [2 folders]

box-folder 2 (box)

Container 5-6 (folder)

Environmental Protection Agency [3 folders]

box-folder 2 (box)

Container 7-9 (folder)

Environmental Protection Agency: Biodegradation

box-folder 2 (box)

Container 10 (folder)

F.I.P.R. [6 folders]

box-folder 2 (box)

Container 11-16 (folder)

F.I.P.R. General [4 folders]

box-folder 2 (box)

Container 17-20 (folder)

Flotation

box-folder 2 (box)

Container 21 (folder)

Flow Visualization Studies

box-folder 2 (box)

Container 22 (folder)

Foamed Metals [2 folders]

box-folder 2 (box)

Container 23-24 (folder)

Gasohol and Diesohol**box-folder** 2 (box)**Container** 25 (folder)**Hazardous Waste [3 folders]****box-folder** 2 (box)**Container** 26-28 (folder)**Head Search****box-folder** 2 (box)**Container** 29 (folder)**Investigations into Properties of Invert Aphrons and Linear Oligoaphrons****box-folder** 2 (box)**Container** 30 (folder)**Lawrence A. Elgin Correspondence****box-folder** 2 (box)**Container** 31 (folder)**Lawrence A. Turner****box-folder** 2 (box)**Container** 32 (folder)**Master F.I.P.R. Report****box-folder** 2 (box)**Container** 33 (folder)**MGD****box-folder** 2 (box)**Container** 34 (folder)**MGD, SMS, Keane****box-folder** 2 (box)**Container** 35 (folder)**Mobile Slurries****box-folder** 2 (box)**Container** 36 (folder)**National Science Foundation****box-folder** 2 (box)**Container** 37 (folder)**National Science Foundation: Predispersed Solvent Extraction [3 folders]****box-folder** 2 (box)**Container** 38-40 (folder)**NH₃ Catalysis Proposal****box-folder** 2 (box)**Container** 41 (folder)

Subject Files, O-W

Oligoaphrons (Linear Aphrons)

box-folder 3 (box)

Container 1 (folder)

Patents [2 folders]

box-folder 3 (box)

Container 2-3 (folder)

Personal File

box-folder 3 (box)

Container 4 (folder)

PGS

box-folder 3 (box)

Container 5 (folder)

Plastic Separation

box-folder 3 (box)

Container 6 (folder)

Polyaphron Fuels [4 folders]

box-folder 3 (box)

Container 7-10 (folder)

Polyaphron Paper [4 folders]

box-folder 3 (box)

Container 11-14 (folder)

Polyaphrons General [2 folders]

box-folder 3 (box)

Container 15-16 (folder)

Poultry

box-folder 3 (box)

Container 17 (folder)

PSE-MS [2 folders]

box-folder 3 (box)

Container 18-19 (folder)

Repeat of Shackleton's Work on Solidified Fuels

box-folder 3 (box)

Container 20 (folder)

Research Ideas

box-folder 3 (box)

Container 21 (folder)

Scheltz Papers [2 folders]**box-folder** 3 (box)**Container** 22-23 (folder)**Separations Using Aphrons****box-folder** 3 (box)**Container** 24 (folder)**Slurries****box-folder** 3 (box)**Container** 25 (folder)**SMS & Kenterprise****box-folder** 3 (box)**Container** 26 (folder)**SOHIO****box-folder** 3 (box)**Container** 27 (folder)**Solid Aphrons****box-folder** 3 (box)**Container** 28 (folder)**Surface-Enhanced Liquefaction of Coal [2 folders]****box-folder** 3 (box)**Container** 29-30 (folder)**Tar Sands and Oil Recovery [4 folders]****box-folder** 3 (box)**Container** 31-34 (folder)**Use of Colloidal Gas Aphrons in Treatment of Phosphate****box-folder** 3 (box)**Container** 35 (folder)**Virginia Water Resources****box-folder** 3 (box)**Container** 36 (folder)**VRA-Air Force Project****box-folder** 3 (box)**Container** 37 (folder)**Waste Treatment Papers****box-folder** 3 (box)**Container** 38 (folder)**Waste Water Treatment [3 folders]****box-folder** 3 (box)**Container** 39-41 (folder)

Wightman(?) Course

box-folder 3 (box)

Container 42 (folder)