

# Sebba, Felix, Papers

Felix Sebba Papers

1979-1989



## Title Statement

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

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## Profile Description

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**Descriptive Rules:** Describing Archives: A Content Standard

## 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 Materials include correspondence, notes on research, and both published and unpublished papers.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.

## Conditions Governing Reproduction and Use

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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 Materials include correspondence, notes on research, and both published and unpublished papers.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

The guide to the Felix Sebba Papers by Special Collections and University Archives, Virginia Tech, is licensed under a CC0 (<https://creativecommons.org/share-your-work/public-domain/cc0/>).

## 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 Collodial 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)