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# CLEMSON UNIVERSITY

Graduating Exercises

December 17, 1970

Clemson, South Carolina

# Graduation

Thursday, December 17, 1970 11:15 a.m. — Littlejohn Coliseum

# ORDER OF EXERCISES

(Audience will please stand as faculty and seniors march in and remain standing for the Invocation)

# Invocation

The Reverend Charles A. Arrington Pastor, First Baptist Church Clemson, South Carolina

Conferring of Degrees and Delivery of Diplomas

President Robert C. Edwards

Benediction

Mrs. Edith B. Card, Organist

# CANDIDATES FOR ASSOCIATE AND BACHELOR'S DEGREES

# COLLEGE OF AGRICULTURE AND BIOLOGICAL SCIENCES

#### BACHELOR OF SCIENCE

| BACHELO   | R OF SCIENCE   |
|---|--|
| Agricultu   | ral Economics  |
| Randall Larry Bell Greenwood Murray Joel Corman Miami Beach, Fla. Steve Radley Edwards Johnston | George Charles Manos Pennsauken, N. J. *James Russell Sursavage Andrews, N. C. |
| Ag  | ronomy   |
| *John Carrol Carrington Swansea   | James Manly Kelley Darlington  |
|   | Bradley Joel O'Neal Fairfax  |
| Anim  | al Science   |
| John Calhoun Cornwell Chester   | Earle Rowland II Wedgefield  |
|   | Alice Tillman Woodside Columbia  |
|   | Michael Clarens Workman Woodruff   |
| В   | iology   |
| James Luther Alverson, Jr Pelzer  | James Arnold Lehmann North Charleston  |
| Robert Estes Bailey Eatontown, N. J.  | Casper Fred Marcinak, Jr McClellanville  |
| George Wayne Brockington Columbia   | Johnnie Frederick Milton, Jr Lake City, Fla.                                   |
| William Thomas Brooks Decatur, Ga.  | Paul Charles Myers Winter Haven, Fla.  |
| Charles Alan Collum Monetta   | Charles William Pate Charleston  |
| Dennis David Donohue Cedar Grove, N. J.   | Everett William Siedschlag, Jr.  |
| Marianne Eismann Greenville   | West Columbia  |
| Alexander Faulkner Fewell, Jr Rock Hill   | Geraldine Wojeck Stanford Marietta   |
| William Earl Fowler, Jr Wadmalaw Island   | Paul Nicholas Valerio Hamburg, N. Y.   |
| David Ruple Hutto Orangeburg  | Angus Hammett Warren Charleston  |
| Dair  | y Science  |
| Samuel Kirk McKeow  | n Roebuck  |
| Но  | rticulture   |
|   | *Louis Bernard Lynn Darlington   |
| William Roger Crenshaw Clemson  | Louis Deritara Lynn Darmigton  |
| Poult   | ry Science   |
| Thomas Waring Ack   | er Anderson  |
|   |  |
|   |  |
| COLLEGE OF  | ARCHITECTURE   |
| BACHEI  | OR OF ARTS   |
| Pro. A  | rchitecture  |
|   | Columbia   |
|   |  |

# BACHELOR OF SCIENCE

Building Construction

John Howard Frank III \_\_\_\_\_ Darlington \*Morris Rea Ritch III \_\_\_\_ Charlotte, N. C.

|     |         |       | BACHE       | LORO | F ARCHITECTURE               |
|-----|---------|-------|-------------|------|------------------------------|
| Ira | Vincent | Hager | <br>Laurel, | Del. | Robert Theodore Matthew, Jr. |
|     |         |       |             |      | North Charleston             |

# COLLEGE OF EDUCATION

#### BACHELOR OF ARTS

|   |  | R OF ARTS  Education  |                                    |
|---|--|---|------------------------------------|
| *Peggy Marie Batson  *Doris Mitchell Bradberry _ Rebecca Harper DeFoor Jane Lee Fife Edith Anne Glenn Bonnie McGee Lewis  *Carolyn Moore Phillips | Greenville Williamston Westminster Clemson Anderson Anderson | Jerrie Geel Shaw F Shirley Rogers Smith **Margaret Scott Snellings Emily Bennett Warren Erica Jean Wilson | Spradlin Bluefield, W. Va. Mauldin |
|   | Secondary  | Education   |                                    |
| **Peggy Reynolds Alverson<br>George August Anderson, Jr<br>James Richard Bowen<br>Patrick Marshall Brown  | Blackwood, N. J.   | Cathy Dunn Elder<br>William Henry Gaines<br>Pamela Craft Keeter<br>*Paula Elizabeth Sloan                 | Travelers Rest<br>Gastonia, N. C.  |
|   | BACHELOR   | OF SCIENCE  |                                    |
|   | Agriculture  | d Education   |                                    |
|   |  | administered by the College<br>es and the College of Educat   |                                    |
| Clayburn Smith Barnette, Jr. John Alan Cunningham Guy Arvin Jenkins Thomas Elden Lee  | Pleasantville, N. J.  Asheville, N. C.                       | Gary Alan Lillis<br>Joseph Wayne Logan<br>John Mart Simmons, Jr   | Chester                            |
|   | Industrial   | Education   |                                    |
| Samuel Harry Childers<br>Ernest Lerand Gandy  | Florence Gaffney   | Sanford Harold Loef<br>Kirk Morgan McCloskey<br>Richard Byron Witter                                      | Washington, D. C.                  |
| Kenneth William Lake  | - Hicksville, N. I.  |   |                                    |
|   |  | Teaching  |                                    |

# COLLEGE OF ENGINEERING

#### BACHELOR OF SCIENCE

Agricultural Engineering

(Agricultural Engineering is jointly administered by the College of Agriculture and Biological Sciences and the College of Engineering.)

Thomas Cooper Bethea, Jr. \_\_\_\_\_ Dillon Kenneth Vinton King \_\_\_\_ Madison

## Ceramic Engineering

Wayne Franklin Brimer \_\_\_ College Park, Ga.

## Chemical Engineering

Constantine Yates Stevens \_\_ Wadmalaw Island

#### Civil Engineering

| Civil Eng  | gineering   |
|--|---|
| Joseph Preston Carter III Startex  | Robert Daniel Ogletree Cayo   |
| Harold Richard Davis Orangeburg  | Robert Harvey Robey, Jr Bethesda, Mc                                |
| Richard Champion Davis, Jr Mt. Pleasant                                    | **Dan Milton Earl Rogers Williamsto                                 |
| Richard John Dorey Aiken   | Richard Anthony Rydarowski  |
| Richard Brown Haddock Kingstree  | East Meadow, N.   |
| Haskell David Hardy, Jr Laurens  | Robert Charles Sharpton Orangebur                                   |
| Perry Dean Holcombe Spartanburg  | Jimmie Ralph Smith Greenvill  |
| Warden Winborn Hughes Hartsville   | Ronald Delano Smith Piedmon   |
| Robert Stanley Jones Lake Lure, N. C.                                      | Charles Kirkland Smoak, Jr Orangebur                                |
| *James Madison Longshore, Jr Newberry David Craig Lynch Willingboro, N. J. | William Walter Thompson Dover, De                                   |
| buria crary bytten trainingboto, iti ji                                    |   |
| Electrical 1   | Ingineering   |
| Thomas Norman Bradley Greer  | Robert Arnold Knoerr Senec  |
| James Larry Chandler Greer   | Thomas Charles Meier Easle  |
| **James Louie Coleman, JrRidgeway  | Bruce Edwin Rayle Richmond, Inc                                     |
| Thomas Hudson Collins Winnsboro  | Jeff Willard Rowell, Jr Easle                                       |
| Brian Edward Doyle Closter, N. J.  | William LeRoy Strong, Jr Hanaha                                     |
| *Ronald Edward Glenn Ravenel   | Jerry Wayne Traynham Honea Pat                                      |
| Ronald Lester Green, Jr Birmingham, Ala.                                   | Walter Larry Williams Greenvill                                     |
| Larry Clifford James Columbia  |   |
| Machanical   | Facinarias  |
| Robert Wisler Beachy Atlanta, Ga.  | Engineering William James Graveon III Charlotte N (                 |
| Melvin Neel Browne Troy  | William James Grayson III Charlotte, N. ( David Maxie Hardin Laurer |
| George John Fredrick Bullwinkel, Jr.                                       | Robert Cody Lenhardt Charlesto                                      |
| Mt. Pleasant   | Robert Errol Martin Gray Cou  |
| David Ray Dover, Jr Spartanburg  | Henry Laurens Mellichamp III Mt. Pleasa                             |
| Ian Frazer Eisenbrey Elmer, N. J.  | Russell Paul Muschick Mt. Pleasa                                    |
| Boyce Tyndall Estes, Jr Rock Hill  | Dale Roy Schielke Titusville, N.                                    |
| Charles Fenton Fadeley, Jr.  | Andrew George Sidrony Metuchen, N.                                  |
| Lexington Park, Md.  | Samuel Robert Spann, Jr Myrtle Beac                                 |
| Foster Mitchell Garner Rock Hill   |   |
| Matellurgica   | 1 Engineering   |
| Ralph James Brackett Tampa, Fla.   |   |
| nuiph junes brucken rumpu, rum   | Tunderson Curt Funds Curesi   |
|  |   |
| COLLEGE OF FOREST AND  | RECREATION RESOURCES  |
| BACHELOR   | OF SCIENCE  |
| For  | estry   |
| John Carroll Chapman Winnsboro   | John Edwin Miller Anderso   |
| *Thomas Daniel Dreher Summerville  | John Wotring Tucker, Jr Charlesto                                   |
| Recreation and P   | ark Administration  |
| Ransome Williams Anderson Myrtle Beach                                     | Jon Ashford Giles Gree  |
| Rex Alan Brown Cayce   | Frederick Louis Hiser, Jr Bel Air, Me                               |
| Valerie Jean Carson Bryan Walterboro                                       | Michael Andrew Ingles Charleston, W. V.                             |
| Oscar Lee Grant Carter Dillon  | James Edward Leon Chatham, Vo                                       |
| Ted Eugene Carter Fort Mill  | Jewell Pierce McLaurin Dillo  |
| Ronnie Wayne Cauthen Heath Springs   | John Lyon McMurray, Jr Gree   |
| William Patrick Charping Iva   | *Robert Gene Patterson Clinto                                       |
| John Leonard Fulmer, Jr.   | James Goodlette Taylor Greenvil                                     |
|  |   |

\_\_\_\_\_ Avondale Estates, Ga.

Richard Warren Gardner \_\_ Cinnaminson, N. J.

John Leon Wade \_\_\_\_\_ Hartford, Ark.

# COLLEGE OF INDUSTRIAL MANAGEMENT AND TEXTILE SCIENCE

#### BACHELOR OF ARTS

#### Arts and Sciences

| Tomas Edward Lockson To   | Coastanhuna     |
|---------------------------|-----------------|
| James Edward Lockery, Jr  |                 |
| Robert Andrew Lyons, Jr   | Marietta, Ga    |
| Richard Claude Miller, Jr | Greenville      |
| Harry Galt Moore, Jr Chat | ttanooga, Tenn. |
| Francis Mitchell Ott, Jr  | Columbia        |
| Everette Orwig Page III   | Spartanburg     |
| Robert Michael Plante     | Hanover, N. J.  |
| Phillip Daniel Rogers     | Easley          |
| Lawrence Ray Tew          | Greenville      |
| David Vernon White        | Cheraw          |
| William David Wilburn, Jr | Greenwood       |
| James Michael Woodall     | Rock Hill       |

#### BACHELOR OF SCIENCE

## Industrial Management

| Andrew Arthur Abbott        | Wakefield, Mass.  |
|-----------------------------|-------------------|
| Alan John Anderson          | Baldwin, N. Y.    |
| John Law Anderson           | Clinton           |
| Paul Walker Askins          | Hartsville        |
| Paul Rudolph Bazemore, Jr   | Beaufort          |
| Johnny Link Cagle           | Cayce             |
| Walter Childson, Jr         | Philadelphia, Pa. |
| Henry Laib Cogan            | Washington, D. C. |
| Bob Davison Gilbert, Jr     | LaFayette, Ga.    |
| Shannon Kathleen Green _    | Sumter            |
| Robert Benjamin Hooks, Jr.  | Winter Park, Fla. |
| Robert Wynne Houseman -     | Greenville        |
| James Howard Jones          | Danville, Va.     |
| William Halbert Keeter, Jr. | Aiken             |

| Thomas Oliver Mitchum C  | harleston Heights |
|--------------------------|-------------------|
| Richard Scott Nickel     | Orangeburg        |
| Mark Michel Nowakowski   | Baltimore, Md.    |
| Ernest Milton Platt, Jr  | Georgetown        |
| Edmond Marcum Ragsdale . | Easley            |
| James Lewis Rivers, Jr   | Greenville        |
| John Randal Roberts      | Charleston        |
| Louis Emile Storen, Jr   | Charleston        |
| William Norris Turner    | Greenville        |
| Edward Allen Wenz        | Edison, N. J.     |
| Daniel Rufus White, Jr   | Gaffney           |
| William Robert Wise III  | Abbeville         |
| Cecil Gerald Youngblood  | Hardeeville       |

#### Textile Science

James Irby Brown, Jr. \_\_\_\_\_ Belvedere Michael Eugene Evans \_\_\_\_ Abbeville

# Textiles

Ronald Joe Hogg \_\_\_\_\_ Greenville James Edward O'Connor \_\_\_\_ Anderson

# COLLEGE OF LIBERAL ARTS

## BACHELOR OF ARTS

| John William Barrett         | Central           |
|------------------------------|-------------------|
| ***Dale Evelyn Bebko         | Spartanburg       |
| William Larry Bendt          | Charleston        |
| Stephen Anthony Bowie        | Liberty           |
| David Matthew Brown          | Burlington, N. J. |
| Charles Donald Cann          | Anderson          |
| Norman Douglas Crain         | Westminster       |
| Wess MacLand Dobson          | Central           |
| Robert Martin Donnelly       | _ Cranford, N. J. |
| Wallace Rockwell Evans III _ | Rock Hill         |
| *Ellen Ann Johnson Hall      | Clemson           |

| Marian Eileen Langford         |            |
|--------------------------------|------------|
| Joseph Stanley Michalowski, Jr |            |
| Mary Whitaker Nuckols          |            |
| **Ida Louise Powell            |            |
| *Kathy Wilson Putnam           |            |
| Donald Lewis Rozier            |            |
| John Wesley Webb, Jr           | Greenville |
| Diana Sara Wright              |            |

# SCHOOL OF NURSING

## ASSOCIATE IN ARTS

# Nursing

Audrey Dianne Cockfield \_\_\_\_\_ Honea Path

# COLLEGE OF PHYSICAL AND MATHEMATICAL SCIENCES

## BACHELOR OF ARTS

|  | Arts and               | Sciences   |                 |
|--|------------------------|--|-----------------|
| William Burton Anderson<br>*Judith Anne Kossler                |                        | *Phyllis Ann White                                   | _ West Columbia |
|  |                        |  |                 |
|  | BACHELOR O             | OF SCIENCE   |                 |
|  | Chem                   | istry  |                 |
| **Stephen Michael Blanton .<br>Joseph David Melnik             |                        | Charlie Sanders Rigby, Jr                            | Greenville      |
|  |                        |  |                 |
|  | Geo                    | logy   |                 |
| W  | illiam Miley Rivers, J | r Moncks Corner                                      |                 |
|  | Mathe                  | matics   |                 |
| Richard Jonathon Dill  | Charleston             | Mary Jane Dobbins                                    | Townville       |
|  |                        |  |                 |
|  | Medical To             |  |                 |
| *Evon Hart Baker<br>Lewis Charles Dase<br>Marika Ann Ellenburg | Gaffney                | Frances Marie Moll                                   |                 |
|  | Phy                    | sics   |                 |
| H  |                        | Sumter   |                 |
|  | Pre-Me                 | dicine   |                 |
| **Lyman Ashurst Ducworth,<br>Russell Eugene Porges Hi          |                        | Ronald Keith Stephens<br>Thomas William Talbert, Jr. |                 |

<sup>\*</sup>With honor

<sup>\*\*</sup>With high honor

<sup>\*\*\*</sup>With highest honor

# CANDIDATES FOR MASTERS' DEGREES

# COLLEGE OF AGRICULTURE AND BIOLOGICAL SCIENCES

#### MASTER OF SCIENCE

| Animal : | Science |
|----------|---------|
|----------|---------|

Joe White Nickles \_\_\_\_\_ Donalds

#### Biochemistry

Donald James Tindall \_\_\_\_\_ Columbia

#### Botany

Margaret Anne Boulware ..... Winnsboro

#### Horticulture

Alta Randall Kingman \_\_\_\_\_ Rock Hill Cecilia Shun-Tseng Lin \_\_\_\_ Taipei, Taiwan

# Microbiology

Lawrence Willis Blakely \_\_\_\_\_ Simpsonville William Seaphus Brewer, Jr. \_\_\_\_\_ Belton Frank Warren Breazeale \_\_\_\_\_ Anderson

#### Poultry Science

John Falconer Knechtges \_\_\_\_ Newark, Ohio

#### Wildlife Biology

Larry Edward Warlick \_\_\_\_\_ Hickory, N. C.

#### Zoology

Robert Bernard Moorehead, Jr. \_\_\_\_ Charleston

# COLLEGE OF EDUCATION

#### MASTER OF AGRICULTURAL EDUCATION

(Agricultural Education is jointly administered by the College of Agriculture and Biological Sciences and the College of Education.)

Donald Daniel Durham \_\_\_\_\_ Piedmont

#### MASTER OF EDUCATION

| Mary Finley Babb Easley               | Judith Chapman Slaughter Sandy Springs |
|---------------------------------------|--|
| Lois Turner Blackwell Duncan          | Roston Miels Smith, Jr Anderson        |
| Joe Kirkpatrick Brown Hickory Grove   | Marjorie Ussery Stokes Seneca          |
| Ryland David Crews Richmond, Va.      | Thomas Jefferson Tisdale, Jr Sumter    |
| Barbara Ann Dorrah Taylors            | Roger Thomas Titus Gloversville, N. Y. |
| Ruth Lee Elizabeth Lam Columbia       | Ellen Nix Torrence Atlanta, Ga.        |
| Betty Dickson Long Piedmont           | Teresa Gwen Van Duyn                   |
| Caroline Sturgis Reese Ware Shoals    | Ft. Walton Beach, Fla                  |
| Jane Arndt Shulenburger Newton, N. C. | Jerry Wayne Wise Pamplico              |
|                                       |  |

### MASTER OF INDUSTRIAL EDUCATION

Raymond Sylvester Fedele \_\_ Somerville, N. J. Oscar Napoleon Vick III \_\_\_\_ Georgetown

# COLLEGE OF ENGINEERING MASTER OF SCIENCE

# Agricultural Engineering

(Agricultural Engineering is jointly administered by the College of Agriculture and Biological Sciences and the College of Engineering.)

Lang Ruey Wang \_\_\_\_ Chang-hwa, Taiwan Tan-Chung Young \_\_\_\_ Taipei, Taiwan

#### Bioengineering

| Bloengi  | neering                                      |
|--|--|
| Denton McKendree Harold, Jr.   | New Smyrna Beach, Fla.                       |
| Ceramic I  | Engineering                                  |
|  | Joseph Charles McLarney Portville, N. Y.     |
| Chemical   | Engineering                                  |
| James Blythe Ledbetter III Belton  | William Michael Morgan Paris, Tenn.          |
| Civil Eng  | gineering                                    |
| Sidney Lee Allison Marietta  | Murat Fehmi Tasar Istanbul, Turkey           |
| Electrical E   | Ingineering                                  |
| Dhirendra Laxmidas Ashar Borivli, Bombay   | Elliott Holland McGinnis Norfolk, Va.        |
| Robert Lawrence Dobson Greer   | Richard Perry Pinckney Charleston            |
| Engineering  | Mechanics                                    |
| David Van Gurley   | Orlando, Fla.                                |
| Environmental Sy   | stems Engineering                            |
| Lester Yerby Pilcher Columbia  |  |
|  |  |
|  |  |
| COLLEGE OF INDUSTRIAL MANA   | GEMENT AND TEXTILE SCIENCE                   |
| MASTER O   | F SCIENCE                                    |
| Manag  | gement                                       |
| Jesse Frank Dillard Taylors Edward Stanley Helfer Slickville, Pa. Tracy Howard Jackson Clemson | Albert John Pejack, Jr Johnstown, Pa.        |
| Textile C  | Chemistry                                    |
| Marion Washington Oliv   |  |
| Textile:   | Science                                      |
| Dharmendra Harilal Bat   | avia Madras, India                           |
|  |  |
|  |  |
| COLLEGE OF I   | LIBERAL ARTS                                 |
| MASTER   | OF ARTS                                      |
| Eng  | lish   |
| Eugenie Graham Comer Union   | Sybil Campbell Sanders Shannon, Ga.          |
| Hist   | ory  |
| Richard Henry Sikes  | Greenwood                                    |
|  |  |
| COLLEGE OF DUVCICAL AND  | MARTIEMAN MICAL COTEMORO                     |
| COLLEGE OF PHYSICAL AND  |  |
| MASTER OI  |  |
|  | lastry                                       |
| Jerry Marvin Clemons Fairlea, W. Va.   | Louis Raymond Womble, Jr. Rocky Mount, N. C. |

# Mathematics

Michael Vernon Newman \_\_\_\_\_ Vidalia, La.

# Physics

# CANDIDATES FOR DOCTORS' DEGREES

## COLLEGE OF AGRICULTURE AND BIOLOGICAL SCIENCES

#### DOCTOR OF PHILOSOPHY

#### Agricultural Economics

Eugene Anderson Laurent \_\_\_\_\_\_\_ Bartow, Fla.

B.S., University of Georgia; M.S., University of Nebraska

Dissertation: An Input-Output Study: Economic-Ecologic Analysis in the Charleston Metropolitan Region

#### Agronomy

Shashi Mohan Rishi \_\_\_\_\_\_\_ Jabalpur, India
B.S., M.S., University of Allahabad, India
Dissertation: Manganese Availability In Soils As Affected By Fumigants

#### Animal Physiology

Carlos Frederico Lam, Jr. \_\_\_\_\_\_ Panama City, Panama B.S., M.S., Clemson University
Dissertation: Milk Secretion of Beef Cows Injected with Estradiol-valerianate During Pregnancy

Chen-Hau Poen \_\_\_\_\_\_ Hong Kong
B.S., M.S., Clemson University
Dissertation: The Ultrastructure of Bovine Endometrial Cells at 3, 8, and 18 Days Post Mating

# Nutrition

Sherman Thomas Mayne \_\_\_\_\_\_ Paducah, Ky.

B.S., Southeast Missouri State College; M.S., Southern Illinois University

Dissertation: Isolation and Partial Characterization of Zinc Binding Proteins Found in the Circulatory Systems of Chicks Immediately After Absorption

# COLLEGE OF ENGINEERING

#### DOCTOR OF PHILOSOPHY

#### Engineering

Nuri Akkas \_\_\_\_\_\_ Tavsanli, Turkey
B.S., Robert College, Turkey; M.S., Clemson University

Dissertation: Buckling, Initial Post-Buckling, and Axisymmetric Dynamic Buckling Behavior of Shallow Spherical and Conical Shells (Field of Specialization: Engineering Mechanics)

William Jacob Craft \_\_\_\_\_\_ Rutherfordton, N. C.

B.S., North Carolina State University; M.S., Clemson University

Dissertation: Stress Singularities in an Elastic Matrix Containing Either a Broken or Short Elastic Fiber (Field of Specialization: Engineering Mechanics)

Frederick Adair Dunlap III \_\_\_\_\_\_ Rock Hill B.S., M.S., Clemson University

Dissertation: Electronically Programmable Physical Testing Instrumentation Applied to Textile Yarns (Field of Specialization: Electrical Engineering)

| Rudolf Othmar Friederich   |
|--|
| Dissertation: Determination of Binary Adsorption Equilibria of Ethylene-Ethane, Ethane-Propane, and Propylene-Propane of Highly Graphitized Carbon at 25.0°C and Pressures Below One Atmosphere (Field of Specialization: Chemical Engineering)  |
| Propylene-Propane of Highly Graphitized Carbon at 25.0°C and Pressures Below One Atmosphere (Field of Specialization: Chemical Engineering)  |
| phere (Field of Specialization: Chemical Engineering)  |
|  |
| Frank Louis Lambert Metairie, La.  |
| Frank Louis Lambert Metairie, La.  |
| Fruit bouis bumbert Migidirie, bus   |
| B.S., Tulane University; M.S., Clemson University  |
| Dissertation: An Investigation of the Dynamic Parameters of the Adsorption of Selected Hydro-  |
| carbons on a Fixed Bed of Activated Carbon Using a Pulse Chromatographic Technique (Field  |
| of Specialization: Chemical Engineering)   |
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| COLLEGE OF INDUSTRIAL MANAGEMENT AND TEXTILE SCIENCE   |
|  |
| DOCTOR OF PHILOSOPHY   |
| Engineering Management   |
| Norman Charles Schaffer Ormand Beach, Fla.   |
| B.S., Furman University; M.S., Clemson University  |
| Dissertation: An Analysis of the Assumptions and Undating Procedures of National Input-Output  |
| Tables Used in Economic Forecasting and Planning   |
|  |
|  |
|  |
| COLLEGE OF DIFFERENCE AND MANUFACTURE CONTRACTOR   |
| COLLEGE OF PHYSICAL AND MATHEMATICAL SCIENCES  |
| DOCTOR OF PHILOSOPHY   |
| Chemistry  |
| Ibrahim Moayyad Ibrahim Haifa, Israel  |
| B.A., Shorter College; M.S., Clemson University  |
| Dissertation: The Effect of Water on the Permeation of Some Permanent Gases in Ethocel   |
|  |
|  |
|  |
| Larry Grant Robinson   |
| B.A., Howard College   |
| B.A., Howard College<br>Dissertation: Part I: A Deuteration Technique and Its Application to the NMR Spectra of Nitroben-  |
| B.A., Howard College Dissertation: Part I: A Deuteration Technique and Its Application to the NMR Spectra of Nitrobenzene and Aniline  |
| B.A., Howard College<br>Dissertation: Part I: A Deuteration Technique and Its Application to the NMR Spectra of Nitroben-  |
| B.A., Howard College Dissertation: Part I: A Deuteration Technique and Its Application to the NMR Spectra of Nitrobenzene and Aniline  |
| B.A., Howard College  Dissertation: Part I: A Deuteration Technique and Its Application to the NMR Spectra of Nitrobenzene and Aniline  Part II: Solvent Effects on the Proton Chemical Shifts of Some Monosubstituted Benzenes  |
| B.A., Howard College Dissertation: Part I: A Deuteration Technique and Its Application to the NMR Spectra of Nitrobenzene and Aniline Part II: Solvent Effects on the Proton Chemical Shifts of Some Monosubstituted Benzenes  James Robert Stout  |
| B.A., Howard College Dissertation: Part I: A Deuteration Technique and Its Application to the NMR Spectra of Nitrobenzene and Aniline Part II: Solvent Effects on the Proton Chemical Shifts of Some Monosubstituted Benzenes  James Robert Stout B.S., High Point College; M.S., Clemson University   |
| B.A., Howard College Dissertation: Part I: A Deuteration Technique and Its Application to the NMR Spectra of Nitrobenzene and Aniline Part II: Solvent Effects on the Proton Chemical Shifts of Some Monosubstituted Benzenes  James Robert Stout  |
| B.A., Howard College Dissertation: Part I: A Deuteration Technique and Its Application to the NMR Spectra of Nitrobenzene and Aniline Part II: Solvent Effects on the Proton Chemical Shifts of Some Monosubstituted Benzenes  James Robert Stout B.S., High Point College; M.S., Clemson University   |
| B.A., Howard College  Dissertation: Part I: A Deuteration Technique and Its Application to the NMR Spectra of Nitrobenzene and Aniline  Part II: Solvent Effects on the Proton Chemical Shifts of Some Monosubstituted Benzenes  James Robert Stout  B.S., High Point College; M.S., Clemson University  Dissertation: The Configurational Preference in Some Substituted Bicyclic Ketones and Esters  |
| B.A., Howard College  Dissertation: Part I: A Deuteration Technique and Its Application to the NMR Spectra of Nitrobenzene and Aniline  Part II: Solvent Effects on the Proton Chemical Shifts of Some Monosubstituted Benzenes  James Robert Stout  |
| B.A., Howard College  Dissertation: Part I: A Deuteration Technique and Its Application to the NMR Spectra of Nitrobenzene and Aniline Part II: Solvent Effects on the Proton Chemical Shifts of Some Monosubstituted Benzenes  James Robert Stout B.S., High Point College; M.S., Clemson University  Dissertation: The Configurational Preference in Some Substituted Bicyclic Ketones and Esters  Mathematics  Marilyn Janet Breen Anderson   |
| B.A., Howard College Dissertation: Part I: A Deuteration Technique and Its Application to the NMR Spectra of Nitrobenzene and Aniline Part II: Solvent Effects on the Proton Chemical Shifts of Some Manosubstituted Benzenes  James Robert Stout B.S., High Point College; M.S., Clemson University Dissertation: The Configurational Preference in Some Substituted Bicyclic Ketones and Esters  Mathematics  Marilyn Janet Breen B.A., Agnes Scott College; M.S., Clemson University  |
| B.A., Howard College Dissertation: Part I: A Deuteration Technique and Its Application to the NMR Spectra of Nitrobenzene and Aniline Part II: Solvent Effects on the Proton Chemical Shifts of Some Monosubstituted Benzenes  James Robert Stout B.S., High Point College; M.S., Clemson University Dissertation: The Configurational Preference in Some Substituted Bicyclic Ketones and Esters  Mathematics  Marilyn Janet Breen Anderson   |
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