Minutes of the

Eighteenth Annual Meeting of the Southeastern Section of the

American Society for Engineering Education

April 10, 11, 12, 1952

The eighteenth annual meeting of the Southeastern Section of the American Society for Engineering Education was held at Clemson, South Carolina with Clemson College as host on April 10, 11, and 12th.

A total of 142 engineering educators registered for the meeting. (See attached list.) In addition, approximately fifty wives attended.

The first day, Thursday, April 10, was devoted to the Engineering College Research Council meetings and the proceedings are not recorded in these minutes.

Friday morning the meeting was called to order at 9:30 AM with Dean R. L. Sumwalt presiding. The meeting was held in the auditorium of the New Chemistry Building. Dean Sumwalt appointed the following committees:

Nominations: Dean F. J. Lewis, Chairman

Dean J. W. Mason Dean J. E. Hannum

Resolutions: Dean L. W. Lassalle, Chairman

Dean J. Harold Lampe Dean J. R. Cudworth

Place of Meeting: Dean Earle B. Norris, Chairman

Dean S. B. Earle Dean N. W. Dougherty

To Investigate Suggestions made by D. C. Reams of the

Dr. G. H. Hickox Dean D. V. Terrell

University of Alabama:

Dr. Ralph Morgan, Chairman

The chairman introduced Professor Murray T. Mantell, Chairman of the Civil Engineering Department of the University of Miami, who presented a paper on "Admission Requirements for Engineering Schools." A copy of this is attached. Professor Mantell concluded that the investigation indicated that there is little or no advantage in requiring basic engineering courses to be taken both at high school and college, and that economy of time could be achieved by requiring the secondary training to be primarily general education. The extent of mathematics and science required probably should be limited to those courses which will most efficiently indicate interest and aptitude for engineering.

Dean Sumwalt introduced Col. Carey H. Brown, Manager of Engineering and Manufacturing Services for Eastman Kodak Company, Kodak Park Works, Rochester, New York. Col. Brown's talk was entitled: "A Program for the Engineering Profession" a copy of which is attached.

The third speaker on the program was Prof. Charles F. Hudgins, Associate Professor and Director of Counseling and Counselor Training at the University of Georgia, whose paper was on "High School Counseling." A copy of Prof. Hudgins' paper is attached.

Dr. S. C. Hollister, Dean of Engineering, Cornell University, and President of the American Society for Engineering Education, discussed "The Critical Shortage of Engineers." Dr. Hollister told of the work of the Engineering Manpower Commission, and showed how the estimated 20,000 graduates a year were obtained from a total of 800,000 l8-year-olds. Dr. Hollister cited the increase in the percentage of engineers to the total labor force and made the observation that the profession has become of age. He cautioned against over-expansion, and stated the need is for more engineers with better training, and not just graduates.

The chairman next introduced Prof. Otto Meier, Jr. Associate Professor of Electrical Engineering, Duke University, who outlined "A High School Guidance Program for Prospective Engineering Students" which has been in existance in Durham, N. C. for several years. It is sponsored by the Engineers' Club of that city. A copy of Prof. Meier's paper is attached. Prof. Meier challenged other professional organizations to follow suit and set up similar programs in other cities.

The discussion period was led by Dr. R. L. Sweigert, Dean of the Graduate Division of Georgia Institute of Technology, who raised the question whether we have a shortage of engineers or only a shortage of brain power. He suggested that a separation be drawn between technicians and engineers, and predicted that more and more engineers will be required to have doctor's degrees as time goes on.

There being no further discussion, the morning session was adjourned at 12:40 P.M.

The luncheon meeting was held at 1:00 P.M. in the main dining room of The Clemson House with Dean D. V. Terrell, Vice-chairman presiding. The chairman introduced Mr. George Asnip, Manager of the Gerrish Milliken Mill of Deering Milliken Company, Pendleton, So. Carolina, who talked on "Engineering Personnel problems in Industry." The most important qualities that an engineer should have are ability to work with people, and ability to instruct people, he said. The young engineer must develop a sense of responsibility for his fellow man and realize that he gets results through people.

The afternoon was spent in various ways, golf, tours through the Clemson Laboratories, or visit the Gerrish Milliken Mill.

The evening mession was held at 7:00 P.M. in the Main Dining Room of the Clemson House with Dean R. L. Sumwalt presiding. The chairman introduced Dr. and Mrs. Poole, President of Clemson College, Prof. Jim Littlejohn, business manager and all of the local committees who had worked so well to make the meeting the finest so far.

Dean L. J. Lassalle, reporting for the resolutions committee, presented two resolutions as follows:

"Whereas the Lord in His wisdom has called to his eternal reward our friend and colleague, Prof. Hilliard G. Haynes, who served faithfully and well on the Civil Engineering faculty of The Citadel for 23 years, and who was Secretary-Treasurer of the Southeastern Section of American Society for Engineering Education for 1939 through 1949, Vice-chairman in 1948-1949, and Chairman in 1949-1950, during which twelve years he contributed effectively to the growth and development of this section and endeared himself to all of its members and friends,

"Therefore, be it resolved, that we express to his family, his friends, and to The Citadel this expression of our sense of loss, and of our heartfelt sympathy in their bereavement.

"Be it further resolved that this action be spread on the minutes of the section, and that copies of this resolution be sent to Mrs. Haynes, to the President of The Citadel and to the papers of Charleston."

"Inasmuch as the Southeastern Section of the American Association for Engineering Education has thoroughly enjoyed the fine hospitality of Clemson College on the occasion of its eighteenth annual meeting, be it resolved that we express our heartfelt thanks to the staff of this institution, particularly to its President, Dr. R. F. Poole and its Dean of Engineering, Col. James H. Sams and the members of its various committees.

"Furthermore, be it resolved that the thanks of the Southeastern Section be extended to the staff of the Clemson House for extraordinary efforts to make our stay most pleasant.

"Be it resolved the Southeastern Section of the A.S.E.E. express their thanks for the splendid entertainment planned and carried out so graciously for the ladies by the wives of the engineering staff of Clemson College.

"Be it also resolved that all of those who have worked so diligently and effectively in the organization and carrying out of the Fontana Conferences during the past three years be commended and thanked for their outstanding accomplishments. Especially we desire to thank Dean Dougherty for his leadership in this activity."

Respectfully submitted:

L. J. Lassalle, Chairman

J. R. Cudworth

J. H. Lampe

Motions for the above were seconded and passed.

The chairman introduced Prof. John D. Lane, Professor of English at Clemson, who introduced the speaker Dr. J. S. Long, Chemical Director, Peaslee-Gaulbert Paint and Varnish Company, Louisville, Ky. Dr. Long gave a very interesting talk on "Science in our Times" with which he used illustrations to show that science is present in our everyday living and teachers being salesmen of science, should keep abreast of the times with outside reading.

Saturday morning, April 12, the Deans' breakfast was held in the gold room of the Clemson House at 8:00 A.M.

The regular morning session was held in the auditorium of the new chemistry building at 9:30 A.M. with Dean R. L. Sumwalt presiding.

The chairman called on Prof. F. H. Pumphrey, Representative of the Southeastern Section on the General Council and Professor of Electrical Engineering, at the University of Florida to give his report for the year. A copy is attached.

Dean Sumwalt introduced Mr. Henry H. Armsby, from the U. S. Office of Education, who outlined the proposed procedure for making a Register of Engineers in the United States. He stated that his department was not to form an employmen t agency, but only to form a list of top engineers in the various fields which might be available for consulting work for the Government.

Dean J. E. Hannum, Chairman and Dean of Engineering at Alabama Polytechnic Institute, gave a report for the committee on travel allowances, a copy of which is attached. He stated that he felt that the committee had gone as far as it could into the matter and made a motion that the report be accepted and the committee discharged. The motion was seconded and passed.

Dr. J. W. Mason, chairman and Dean of Engineering at Georgia Institute of Technology, reporting for the committee on promotion policies, stated that the practices of the institutions were quite divergent with most of them having no policy at all. As to the academic status required the following was proposed:

Instructors, a bachelor's degree
assistant professors, a Master's degree
associate professors, a Master's degree with several
years of practical experience

and for a professor, a Doctor's degree.

Dr. Mason stressed three points: First, that the academic degree should not be stressed too strongly and that the practical experience should carry a great deal of weight; second, that engineering teachers must teach engineering and that they be judged on their effectiveness. Third, promotion policies can not be separated from salary schedules. Dr. Mason then made a motion that the report be accepted and his committee discharged. The motion was seconded and passed.

Dean Sumwalt introduced Prof. D. H. Pletta, Chairman and Head of the Department of Applied Mechanics at Virginia Polytechnic Institute, who gave a detailed report for the committee on salaries. A copy of the report is attached.

Prof. Groseclose presented the following resolution:

"Whereas present salary scales for engineering faculty in professional schools of the Southeastern region of the A.S.E.E. are dangerously low and so unrealistic that they offer no incentive to attract and keep younger men, nor to hold older experienced teachers, therefore,

Be it Resolved that the Southeastern section of the A.S.E.E. call the attention of the Salary Survey to the engineering societies and civic and industrial leaders, in an effort to develop an understanding of the frightening consequences to the nation of this critical situation, and to enlist their aid in developing a solution to the problem, and further.

Be it Resolved that copies of this resolution and data of the survey be sent to the afore-mentioned organizations and individuals."

A motion was made, seconded, and passed that the resolution be accepted. Prof. Pletta made a motion that the report be accepted and that his committee be discharged. The motion was seconded and passed.

Prof. A. T. Granger, chairman and Head of the Department of Civil Engineering at the University of Tennessee, presented a report of the committee on Course Content for a Common Core. A copy of the report is attached. Prof. Granger moved that the report be accepted and the committee discharged. The motion was seconded and passed.

Dean N. W. Dougherty, reporting for the committee on the Fontana Conferences, suggested that in view of the number of other conferences this summer that the Fontana Conference should not be held in 1952.

The three conferences held so far have proved very successful, being designed in the form of small discussion groups or work sessions to discuss such subjects as: Improvement of teaching, Nuclear Engineering, Common Core, Specialized Training, Re-evaluation of Engineering Education, and The Demands on Engineers.

A motion was made that the new chairman appoint a committee to study the advisability of holding future conferences similar to Fontana and that none be held this year. The motion was seconded and passed.

Five motions were made by D. C. Reams, of the University of Alabama as follows:

Moved that all colleges in the Southeastern Region conduct a survey of all engineering graduates between June 1945 and June 1951 to ascertain the exact nature of their present employment and the extent to which their training as engineers is being utilized. For comparison, the promise which they showed as students as evidenced by their scholastic records and the opinion of their instructors should be included.

- 2. Moved that the Congress and the Senate of the United States be requested to enact a law which will permanently exempt from all military service a certain specified number of engineering and scientific students each year. Once placed in such category a person shall remain in it so long as his scholastic record averages C or better and so long as he engages in the profession of engineering and scientific endeavor. The number to be chosen each year to be determined in accord with the best estimates of need available, and the particular persons to be picked on the basis of past scholastic performance and national tests.
- 3. Moved that a definite program be established whereby each college will engage in a planned survey of available high school students in its immediate vicinity. Such survey would consist of consultation with principals, math. teachers, and science teachers, together with aptitude tests administered to all high school students, sophomore or higher, to discover those students who show promise as prospective engineering students. Such students would be personally interviewed and encouraged in every way to enter engineering. Each school should have funds available as scholarships and as loans to entering Freshmen who show outstanding promise.
- 4. Moved that certain colleges be encouraged to set up programs whereby high school sophomores of outstanding promise could enter the college after their sophomore year of high school and obtain a Bachelor's degree at the end of five years. This would serve the dual purpose of making such students available to industry a year earlier than otherwise possible and of easing the military problems now existing of keeping them in school.
- 5. Moved that a speaker's bureau be established to provide speakers to appear before various civic groups to outline the present situation as regards engineering students and the engineering profession. The bureau would not merely make such speakers available, but would contact as many groups as possible and suggest such programs.

Dr. Ralph Morgan, acting for the committee to investigate these motions, reported as follows:

"Your committee has studied the five motions made by Prof. D. C. Reams and has the following recommendations to make:

1. "Such a survey might be desirable but would require funds for a special survey. Most institutions now have substantial parts of this information."

A motion was made that no action be taken on the first paragraph as none is needed. The motion was seconded and passed.

2. "This matter is now before the Congress as a joint action of ALCGU, ASU, and AAU. The Section might recommend that some action be taken by the parent ASEE in June if desired."

A motion was made that this be referred to the National Society to see if any action is necessary. The motion was seconded and passed.

3. "This is desirable, but each institution should do the work in its own area. Many institutions are now doing so in North Carolina, Kentucky, Tennessee, and other states."

A motion was made that the third paragraph be referred to the various institutions for action. The motion was seconded and passed.

4. "The Report of Dean Hollister indicates that this procedure would not tap any more man power. As an educational experiment, any institution which desires might attempt it."

A motion was made that the fourth paragraph is not under the jurisdiction of this Society and that no action be taken. Motion was seconded and passed.

5. "This is an institutional matter and not one for action by the Society. The Society officers would be glad to supply names of speakers for such talks."

A motion was made that the last paragraph be referred to the various institutions. The motion was seconded and passed.

The chairman thanked Dean Dougherty for the minutes of Fontana Conference which were so capably prepared in booklet form.

A brief discussion period was held and the chairman thanked the various committees for the fine work done.

The business session was opened with the reading of the minutes of the 1951 meeting. Two corrections were suggested and made. There being no further corrections the minutes were approved.

The treasurer then gave his report, which is attached. The report was accepted as read.

Report of Committee on Time and Place, by Dean E. B. Norris, Chairman

- I. Your committee finds that the last four meetings have been in circles A and B, and it seems high time that we hold a meeting at one of the institutions of outer circle C. Your committee has received a most cordial invitation to hold the next meeting of the Section at Baton Rouge with Lousiana State University, and it so recommends. Dean Lasalle's invitation is attached. He suggests the possibility of holding a part of the sessions at Tulane in New Orleans and we recommend that that possibility be explored and carried out if it appears to be practicable.
- 2. The committee suggests that the meeting be held somewhat earlier than has been our custom in recent years, and suggests a date in March.

 Several members of the Section have suggested that serious consideration be given to passing by 1953 and holding the next Section meeting in 1954 because of the national meeting in Gainesville in June of 1953.

This proposal is aimed at conserving personal and institutional funds so that more members could attend the national meeting in 1953. Your committee offers this suggestion for consideration without itself making any recommendation. We feel that such a radical suggestion merits full debate.

Respectfully submitted, S. B. Earle
N. W. Dougherty
Earle B. Norris, Chairman

A motion was made, seconded, and passed that the next meeting be held in Baton Rouge in 1953 with Louisiana State University as host, at a time in March which is suitable to the host institution.

Dean F. J. Lewis, chairman of the nominating committee, presented the following resolution:

Resolution:

Whereas, at the 18th annual assembly of the Southeastern Section of the American Society for Engineering Education at Clemson College, South Carolina, surrounded by the splendid plant and educational facilities that will remain, always, as a monument to the administrative genius and educational acumen of our beloved colleague, Dean Emeritus Samuel B. Earle, we are reminded that not since his administration, nearly a score of years past, has a representative of the South been honored by election as President of the parent organization, and,

Whereas, we would deem it a distinction and an honor for one of our members to preside over the annual convention of ASEE in Gainsville, Florida in 1953, the host institution from this section, and

Mhereas, we have in our midst one who is eminently qualified to lead the American Society for Engineering Education with such honor and distinction, and

Whereas, his ability to do so has been ably demonstrated thru service on committees, council, and as Vice President of the parent organization over the years of his membership in and faithful attention to affairs of the Society

Be It Therefore Resolved, that the Southeastern Section of the American Society for Engineering Education endorse the candidacy of Dean Earle B. Norris of Virginia Polytechnic Institute for President of the American Society for Engineering Education in June 1952 at the annual convention in Hanover, New Hampshire and as evidence thereof the members of the parent body, here assembled, pledge one another to forward, without delay, to Secretary Bronwell the nomination forms properly indicating their support, and

Be it Further Resolved, that the Secretary-Treasurer of the Southeastern Section shall, and is hereby directed to, memoralize Deans and Heads of Departments of constituent institutions urging them to check within their institutions to further supplement the intent of this resolution, and

Be It Further Resolved, that members shall use personal influence with friends outside of this area to gain support for this nomination, and

Be it Finally Resolved, that our Council Representative shall promote this candidacy in any manner consistent with his office.

Fred J. Lewis, Chairman J. W. Mason J. E. Hannum

A motion was made, seconded, and passed that the resolution be accepted.

Dean Lewis then presented the following names for officers of the Southeastern Section of the ASEE for next year.

Chairman: Dean T. V. Terrell Vice-Chairman: Dean James R. Cudworth Univ. of Kentucky University of Alabama

Secretary-Treasurer: Prof. Bruce M. Bayer, Vanderbilt University

Representative: Advisory Council on Mathematics in Business, Industry, Science, and Engineering - Vacated.

Section Representative on Council: Prof. F. H. Pumphrey, University of Florida (Elected in 1951 for two years.)

A motion was made that the nominations be closed and that the names presented be elected by acclamation. The motion was seconded and passed.

Dean Sumwalt turned over the meeting to Dean Terrell who adjourned the Conference.

Southeastern Section

American Society for Engineering Education

Financial Statement

April 12, 1952

Balance on hand April 25, Dues from 22 of 24 school		• • •			•	\$149.07 110.00
					700	\$259.07
Telegrams Postage Sec. Typing Programs	\$ 3.70 .90 5.00 46.35	-				55.95
		Balanc	e on	hand		\$203.12

Dues collected from following schools:

Ala. Polytechnic Institute
University of Alabama
Ga. Institute of Technology
University of Kentucky
University of Louisville
Tulane University
La. Polytechnic Inst.
Southwestern Louisiana Inst.
Louisiana State University
Mississippi State College
University of Mississippi

Duke Univeristy
N. C. State College
The Citadel
Clemson College
Univ. of South Carolina
Tennessee Polytechnic Inst.
University of Tennessee
Vanderbilt University
Va. Military Institute
Va. Polytechnic Institute
University of Miami

Univ of Fla. (see 1953 Report)

Bruce M. Bayer Secretary-Treasurer

SOUTHEASTERN SECTION

AMERICAN SOCIETY FOR ENGINEERING EDUCATION

Mailing and Membership List, 1952

Dean

Institution University of Louisville University of Kentucky 7 Virginia Military Institute University of Tennessee Virginia Polytechnic Institute University of Virginia Duke University N. C. State College Clemson College University of So. Carolina The Citadel Georgia Institute of Tech. University of Florida Alabama Polytechnic Institute Tulane University University of Alabama Louisiana State University Southwestern Louisiana Inst. Mississippi State College University of Mississippi Vanderbilt University University of Mizmi Louisiana Polytechnic Institute R. T. Sessums Tennessee Polytechnic Institute J. M. Henderson

R. C. Ernst D. V. Terrell S. W. Anderson N. W. Dougherty E. B. Norris E. W. Saunders W. H. Hall J. H. Lampe J. H. Sams R. L. Sumwalt L. S. LeTellier J. W. Mason Joseph Weil J. E. Hannum L. H. Johnson J. R. Cudworth L. J. Lassalle G. G. Hughes Harold Flinsch F. W. Kellogg F. J. Lewis J. H. Clouse

Louisville, Ky. Lexington, Ky. Lexington, Virginia Knoxville, Tennessee Blacksburg, Virginia Charlottesville, Va. Durham, N. Carolina Raleigh, N. C. Clemson, So. Carolina Columbia, S. C. Charleston, S. C. Atlanta, Georgia Gainesville, Fla. Auburn, Alabama New Orleans, La. Tuscaloosa, Alabama University, La. Lafayette, La. State College, Miss. University, Miss. Nashville, Tennessee Coral Gables, Fla. Rushton, La. Cookeville, Tenn.

Address

Receives information, but is not a member:

University of Chattanooga

R. A. Merrill

Chattanooga, Tenn.

EDETEENTE ANNIAL MEETING SOUTHEASTERN SECTION AND THE ENGINEERING COLLEGE RESEARCH COUNCIL of the

AMERICAN SOCIETY FOR ENGINEERING EDUCATION

Host Institution: Clemeon College Thursday, Friday and Saturday April 10, 11, 12, 1952

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Wr. Henry H. Armsby, U.S. Office of Education, Washington 25, D. C.
  Prof. J. F. Bailey, University of Tempesses.
  3 Prof. W. L. Ball, Clemson, S. C.
  +Prof. R. A. Banister, Clamson, S. C.
  Frof. Bruce M. Bayer, Vanderbilt University.
  Prof. O. H. Bellamy, ClemsonCollege
  7 Prof. Joseph A. Bennett, University of Alabama .
  Dr. A. Berns-Allen, Clemson College
7 Prof. D. W. Bradbury, Clemson College
  Dr. J. W. Bird, R. C. A. Vistor, Cemden, J. J.
  "Prof. R. M. Boarts, University Tennessee
  Prof. R. L. Boggess, University of Kentucky
  BMr. M. M. Boring, General Electrick, Schenectady, N. Y.
  Prof. Arthur B. Browell, Northwestern University
  Mr. C. W. Brown, Missourt Bighway Department,
  "Prof. J. S. Brown, Tennesses Tech.
  "Frof. R. T. Brown, University of Tennessee
  Prof. C. H. Bryan, University Alabama
  Prof. E. F. Byars, Clamson College
  20 Prof. R. J. Cambre, Southwestern Louisiana Insti.
  175 E. L. Clarke, Clemson, S. C.
  Prof. J. M. Clarkson, N. C. State
  Dean J. E. Clouse, University Florida
  Prof. N. W. Conner, N. C. State
  M Prof. J. C. Cook, Jr., Clemson, College
  Prof. K. W. Coons, University Alabama
  Prof. P. C. Cromwell, University of Termessee
  "Prof. James A. Cronvich, Tulane University
  Prof. James R. Cudworth, University Alabama
  1. Prof. D. D. Curtis, Clemson, College
  Dean N. W. Dougherty, University Tennessee
  3 Dean S. B. Earle, Clamson College
  Brof. J. L. Edwards, Clement College
Prof. E. Elsevier, Duke University
  Frof. C. L. Emerson, Vice-President, Georgia Tech.
  34 Prof. Howard P. Emerson, University Temmessee
  37 Prof. W. F. Fagen, University Florida
  3: Prof. B. E. Fernow, Clemson College
  Prof. H. A. Fisher, N. C. State
 Prof. H. A. Mike Flanskin, L.S. V.
  Prof. F. M. Flanigan, University Florida
  "Prof. Julian R. Flembig, University Termesses
  4) Prof. J. T. Folk, Louisiana Tech.
  Prof. J. N Ford, Clemson College
  MIProf. E. J. Freeman, Clemson College
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#Prof. C. D. Fulton, Duke University

48 Prof. John D. Gill, University Missi 41 Prof. G. R. Glenn, University Louisville J. Prof. H. E. Glenn, Clemson College Prof. J. D. Glenn, Clemson College J. Prof. W. D. Glenn, Vanderbilt University BProf. A. T. Granger, University Tennessee Prof. W. W. Graham, Vanderbilt University N Prof. Willard F. Gray, University Alabama ADr. L. E. Grinter, Illinois Tech. J'Frof. F. F. Groseclose, Georgia Tech. A Prof. H. M. Haines, Duke University 14 Dean W. H., Hall, Duke University 4. Dean J. E. Harrym, Alabama Folytechnic Inst. " Prof. Robt. D. Eawkins, University Kentucky A.Prof. E. W. Henderson, The Citadel 4) Prof. G. H. Hickox, University Tempersee 4 Prof. L. K. Himelright, The Citadel (Prof. C. R. Bixon, Alabama Polytechnic Inst. "Prof. S. C. Bollister, Cornell 1) Prof. Robert M. Hubbard, University Virginia Prof. W. B. Hudson, Clemson College 4 Prof. D. G. Hughes, Clemson College 7. Prof. H. W. Humphreys, Clemson College 7 Prof. Ous J. Butto, The Citadel 7. Prof. J. Stuart Johnson, University Florida 7: Prof. M. W. Jones, Clemson College 71 Prof. Van Kenyon, Jr., Duke University 71 Prof. R. W. Kersey, Clemson College 7/ Prof. C. E. Kirkwood, Clemson College 77 Prof. Ralph W. Kluge, University Florida WProf. R. B. Enight, University Mentucky "Frof. Borbert Eoch, University A Prof. Edward K. Kreybill, Duke University Dean J. H. Lamps, N. C. State Dean Leo J. Lassalle, L. S. U. Brof. L. S. LeTellier, The Sitadel NDean Fred J. Lawis, Vanderbilt University M Prof. Balph E. Lewis, Dake University "Prof. C. E. Littlejohn, Clamson College Prof. Thomas M. Lowe, L.S.U. Frof. W. L. Lovry, Clemson College Frof. M. L. Naming., V.P. L. 1. Prof. M. Mantell, University Mismi "Dean J. W. Mason, Georgia, Tech. 7. Prof. M. C. McHugh, Clamson College 7: Prof. W. R. McIntosh, University of Louisville * Prof. Otto Meier, Jr., Duke University */Prof. Ralph A. Morgen, University Florida 9/ Prof. H. M. Morris, Southwestern Louisiana Inst. "Prof. E. P. Neal, Mississippi State "Prof. J. H. Holand, University S. C. Trof. L. E. Molley, University Kentucky youDean E. B. Norris, V. P. I. 20/ Prof. N. G. Borthrop, Univ. Louisville /ovProf. J. C. O'Connell, Clemson College Al Prof. C. R. Ownbey, Univ. Tennessee 100 Prof. L. C. Pendley, Univ. Kentucky "/Prof. R. L. Perry, Clemson College AProf. D. H. Fletta, V.P. I. "'Trof. H. V. Poe, Clemson, College ArProf. W. S. Prescott, Tennessen Toch.

109 Prof. Fred H. Pumphrey, Univ. Florida " Prof. D. C. Reems, Univ. Alabema " Prof. Frederick J. Reed, Duke University " Prof. John C. Reed, Univ. Florida // Prof. William E. Rey, Univ. Alabama "Prof. B. R. Rhodes, Clemeon College "'Prof. G. A. Rosselot, Georgia Tech. " Prof. Roger W. Sampson, Univ. Florida "Tor. James E. Sams, Clamson College #Frof. S. R. Schealer, Vanderbilt Univ. 119 Prof. L. E. Schoomaker, University Florida /MProf. W. J. Seeley, Duke Univ. />/Prof. R. E. Shaver, Univ. Lantucky p.Prof. J. E. Shigley, Cleason College pyProf. Reynold Q. Shotts, Univ. Alabama Prof. C. L. Smalley, MacMillan Company, New York Prof. G. Wallace Smith, N. C. State /17 Brof. R. D. Spann, Alabama Poly. Inst. Prof. E. F. Stenstrom, Clemson College Marof. W. D. Stevenson, Jr. N. C. State 130 Prof. E. N. Summer, Alabama Poly, Inst. 3 Deem R. L. Suswalt, Univ. S. C. Brof. J. F. Sutton, Clemson College 13) Prof. R. L. Sweigert, Georgia Tech. Dean D. V. Terrell, Univ. Eentucky' prof. I. A. Trively, Clemson College 13 (Prof. E. R. Weston, Georgia Tech. 731 Prof. L. C. Wilbur, Duke Univ. 137 Prof. Gordon C. Williams, Univ. Louisville 31 Prof. J. W. Williams, Duke Univ.

//Frof. F. W. ZurBurg Southwestern Louisiana Inst.

prof. A. B. Wood, Univ. Termessee