





TREASURER'S REPORT

FOR THE YEAR JANUARY 1, 1938 TO DECEMBER 31, 1938

RECEIPTS			
Balance on hand, January 1, 1938.....			\$30,317.05
Dues in arrears .....			348.83
Dues for 1938 (\$15,417.18 of 1938 dues were prepaid in 1937) .....	15,668.45		
Dues for 1939 .....		15,770.04	
Subscriptions from members to:	for 1938	for 1939	
Science Abstracts "B" .....	\$144.90	\$141.00	285.90
Reviews of Modern Physics .....	885.05	884.01	1,769.06
Journal of Applied Physics .....	464.35	614.88	1,079.23
Review of Scientific Instruments .....	698.84	662.50	1,361.34
School Science and Mathematics .....	31.25	45.50	76.75
Other journals .....	163.80	239.00	402.80
Interest .....			184.98
Sales of Bulletin .....			35.50
Overpayments, etc. ....			61.61
			<u>\$67,361.54</u>

DISBURSEMENTS			
President's mileage .....	\$	37.80	
Secretaries' mileage .....		193.80	
Office expenses: Secretary's & Treasurer's			
clerical assistance .....		2,468.00	
stationery, printing, postage, etc. ....		1,138.89	
American Institute of Physics on publications .....		7,000.00	
Science Abstracts, membership subscriptions .....		9,793.50	
Section "B" and back numbers .....		372.65	
Reviews of Modern Physics, subscriptions .....		2,066.71	
Journal of Applied Physics, subscriptions .....		2,788.15	
Review of Scientific Instruments, subscriptions .....		1,590.84	
School Science and Mathematics, subscriptions .....		83.00	
Other journals, subscriptions .....		386.80	
Bulletin, printing six issues .....		867.77	
Wrappers and addressing .....		117.49	
Physical Review wrappers and addressing .....		277.72	
Refunds of overpayments, etc. ....		52.36	
Editorial expenses:			
Salary, Managing Editor .....		1,500.00	
Salary, Assistant Editor .....		900.00	
Salary, Secretary .....		810.00	
Office .....		240.94	
			<u>\$32,686.42</u>
Balance, cash on hand, December 31, 1938 .....			34,675.12
			<u>\$67,361.54</u>

LIFE MEMBERSHIP FUND	
\$ 200 American Telephone & Telegraph Co. 5½% bond carried at \$200 .....	\$ 200.00
\$1000 Baltimore & Ohio 4% bond carried at \$850 .....	850.00
	<u>\$ 1,050.00</u>

The Managing Editor in 1932 transferred to the Treasurer the following securities:  
 \$2,000 Gold Bonds, Mortgage Bank of Chili, Guaranteed Sinking Fund 6%,  
 Numbers 14000-1, Due May 1, 1962.

January 1, 1939. GEORGE B. PEGRAM, Treasurer

AUDITORS' STATEMENT

As duly appointed auditors of the American Physical Society, we, the undersigned, have examined the books of the Treasurer and certify that the accounts and the report submitted herewith are correct. We have also examined the securities in the hands of the Treasurer and find American Telephone & Telegraph Co. bond to the amount of \$200, Baltimore & Ohio bond to the amount of \$1,000, and two Mortgage Bank of Chili gold bonds to the amount of \$2,000.

February 21, 1939.

KARL K. DARROW  
 H. W. FARWELL

OPERATING STATEMENT OF THE SOCIETY

FOR 1938 (IN COMPARISON WITH 1937)

Operating income for the year	1938	1937
Dues .....	\$32,264.73	\$29,708.28
Arrears .....	348.83	331.27
Interest .....	184.98	184.40
Sales of Bulletin, etc. ....	37.25	30.00
From American Institute of Physics Incorporated (sales of back numbers of journal "Physics") .....	301.40	150.74
	<u>\$33,137.19</u>	<u>\$30,404.69</u>

Operating expenses for the year	1938	1937
President's mileage .....	\$ 37.80	\$ 217.28
Secretaries' mileage .....	208.60	334.47
Office expenses, secretaries' and treasurer's		
clerical assistance .....	2,468.00	2,254.00
stationery, printing, postage, etc. ....	1,138.89	1,459.71
Service charge, contribution to support of American Institute of Physics Incorporated by contract 15% plus 5% by Council action on cost of publication.....	7,614.84	6,010.80

Net expense of publications by American Institute of Physics Incorporated, after applying income from non-membership subscriptions, back numbers and reprints for the year:

	1938	1937
P. R. .... (def.)	\$4,558.50	(def.) \$3,077.82
R. M. P. .... (sur.)	2,759.32	(sur.) 2,111.39
	(def.) \$1,799.18	(def.) \$ 966.43

Salary—Managing Editor .....	\$1,500.00	\$1,500.00
Salary—Assistant Editor .....	900.00	900.00
Salary—Secretary .....	810.00	810.00
Office expenses .....	326.62	323.35
P. R. wrappers & addressing.....	274.72	
	<u>\$3,811.34</u>	<u>\$3,533.35</u>

Total for journals .....

(The number of membership subscriptions supplied were as follows:

	1938	1937
Physical Review .....	2280	2212½
Reviews of Modern Physics.....	132	130
	<u>2412</u>	<u>2342½</u>

Science Abstracts "A" membership subscriptions (2686).....	9,401.00	9,135.00
Science Abstracts "B" membership subscriptions (138).....	414.00	375.25
Journal of Applied Physics membership subscriptions (184) .....	1,687.00	1,435.00
Review of Scientific Instruments membership subs. (21).....	31.50	45.00
Bulletin—7 issues .....	982.93	812.45
—wrappers, addressing, etc. ....	117.49	71.50
—Membership List .....		568.11
	<u>\$29,712.57</u>	<u>\$27,218.35</u>

Operating surplus for the year .....

GEORGE B. PEGRAM, Treasurer

FINANCIAL REPORT OF THE MANAGING EDITOR  
 JANUARY 1, 1938 TO DECEMBER 31, 1938

INCOME	Physical Review	Reviews of Modern Physics	Total
Subscription (exclusive of membership subscriptions) .....	\$18,583.02	\$ 6,932.88	\$25,515.90
Sales single copies .....	806.89	1,609.98	2,416.87
Publication charge .....	5,634.00	—	5,634.00
Sale of reprints .....	2,615.00	15.08	2,630.08
Miscellaneous .....	76.34	1.83	78.17
Payment by American Physical Society to cover net cost (or profit) of conducting journals and supplying membership subscriptions .....	7,810.49 (cost)	2,199.97 (profit)	5,610.52 (net cost)
	\$35,525.74	\$ 6,359.80	\$41,885.54
Payment by American Physical Society to meet service charge under contracts and special action of Council .....	\$ 6,454.75	\$ 1,160.09	\$ 7,614.84
<b>EXPENSE</b>			
Printing and mailing .....	\$24,623.88	\$ 3,099.37	\$27,723.25
Wrappers and addressing .....	274.72	—	274.72
Publication service—			
American Institute of Physics .....	3,832.61	2,288.91	6,121.52
Reprint expense .....	3,600.49	11.03	3,611.52
Single copy handling expense .....	216.77	401.14	617.91
Salary—Managing Editor .....	1,260.00	240.00	1,500.00
Salary—Assistant Editor .....	760.00	140.00	900.00
Salary—Secretary .....	680.00	130.00	810.00
Office expense—Editor .....	277.27	49.35	326.62
Total Expense .....	\$35,525.74	\$ 6,359.80	\$41,885.54
Service charge of American Institute of Physics in accordance with contracts and special action of the Council .....	\$ 6,454.75	\$ 1,160.09	\$ 7,614.84

JOHN T. TATE, *Managing Editor*

### The American Physical Society

227th Meeting—Washington, D. C.—April 27-29, 1939

The 227th regular meeting of the American Physical Society will be held in Washington, D. C., on Thursday, Friday and Saturday, April 27, 28 and 29, 1939. The Thursday and Friday sessions will be held at the National Bureau of Standards and the Saturday sessions at the Catholic University of America.

Members intending to present papers at this meeting must have the *original and two carbon copies* of the typewritten titles and abstracts (**not exceeding 200 words**) ready for publication in hands of the Secretary not later than Saturday, March 25, 1939.

*Members submitting papers which are to be read by title should so inform the Secretary. Failure to do this has resulted in considerable inconvenience to those attending the meeting.*

**Headquarters.** The Wardman Park Hotel has been selected for hotel headquarters. There will be a flat rate of \$3.00 per day for single rooms with bath, and \$5.00 per day for double rooms with bath. Members are urged to make their reservations at once writing directly to the hotel.

#### GENERAL RULES RELATING TO PAPERS

Only those titles of papers shall be listed on the preliminary program of a meeting of the Society for which abstracts ready for publication are in the hands of the Secretary.

When two or more papers are offered by the same member, one only of these will be assigned a place on the regular program, while the others will

be placed in a supplementary program. (A paper presented by two or more authors is assigned to the first named author.)

All supplementary papers will be grouped according to subject matter and will be called for at their appropriate sessions only, these sessions to be designated on the program. The presiding officer may assign a reduced time to these papers or may in his discretion call for them to be read by title only.

Except by special vote of the Society, the maximum allowance of time for the presentation of a paper shall be ten minutes. The presiding officer shall enforce this rule.

Other meetings for the current season are as follows:

- 228. June 23-24, 1939. Princeton, New Jersey.
- 229. June 28-30, 1939. Stanford University, California.
- 230. December 1-2, 1939. Chicago, Illinois.
- 231. December, 1939. Pacific Coast. Time and place not yet decided.
- 232. December 27-29, 1939. Annual Meeting. Columbus, Ohio.
- 233. February 22-24, 1940. New York City.

W. L. SEVERINGHAUS, *Secretary*

March 6, 1939. Columbia University, New York, N. Y.

# The American Physical Society

NOMINATION FOR MEMBERSHIP

To be sent to W. L. SEVERINGHAUS, Secretary  
Columbia University, New York, N. Y.

We hereby nominate for <sup>MEMBER</sup><sub>FELLOW</sub> in the American Physical Society

Name of person nominated.....

P. O. Address.....

Information as to positions, degrees, and qualifications for membership. A nomination for fellowship must be accompanied by a full statement of services and contributions to physics. (See other side).

Signatures of two members or fellows making the nomination.

Dated.....19.....

For election to membership or fellowship in the Society, or for transfer from the grade of membership to that of fellowship, it shall be necessary that a proposition in due form signed by two members or fellows of the Society shall be presented at a meeting of the Council, and that at a subsequent meeting of the Council occurring at least two weeks later, the person named in such proposition shall receive favorable ballots of a majority of the councilors present. The Council may, however, at its discretion make election to membership at the same meeting at which the nomination is presented.—Extract from the By-Laws.

Presented to the Council at..... meeting. Date.....

Action.....

Second presentation to the Council at..... meeting. Date.....

Action.....

Notification..... Acceptance.....

Secretary



DETAILED STATEMENT  
of the  
CANDIDATE'S QUALIFICATIONS

When proposing an election to fellowship, or transfer from the grade of member to that of fellow, a list of the candidate's researches, publications, and contributions to physics is required.

Name of person nominated \_\_\_\_\_  
P. O. Address \_\_\_\_\_  
\_\_\_\_\_

Information as to position, degree, and qualifications for membership. A nomination for fellowship should be accompanied by a full statement of researches and contributions to physics (see other side).  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Signature of two members or fellow making the nomination.  
\_\_\_\_\_  
\_\_\_\_\_

Date \_\_\_\_\_

For election to membership or fellowship in the Society, or for transfer from the grade of membership to that of fellowship, it shall be necessary that a nomination be presented to the Council and that a supporting meeting of the Council be held at least two weeks prior to the meeting at which the Council may proceed to its decision. This meeting shall be held at the same meeting at which the nomination is presented. Details from the By-Laws.

President of the Council \_\_\_\_\_  
Date \_\_\_\_\_  
Secretary \_\_\_\_\_

