ANNUAL REPORTS.

REPORT OF THE TREASURER FOR THE YEAR 1901.

RECEIPTS.

Balance from 1900, cash ........................................ $1,410.74
Balance from life membership fund .......................... 750.00

$2,160.74

Annual payments for 1897 ........................................ 5.00
Annual payments for 1898 ........................................ 5.00
Annual payments for 1899 ....................................... 35.00
Annual payments for 1900 ...................................... 135.00
Annual payments for 1901 ...................................... 1,330.00
Annual payments for 1902 ...................................... 10.00
Payments for fractional parts of 1901 ....................... 47.76
Initiation fees for 1900 ....................................... 105.00
Initiation fees for 1901 ....................................... 115.00
Life Membership fees ........................................ 100.00
Sale of reprints .................................................. 60.35
Sale of BULLETIN through The Macmillan Company ........... 212.52
Sale of BULLETIN through the Secretary ....................... 3.10
Sale of Published Papers ......................................... 3.00

Contributions in support of the TRANSACTIONS:

Bryn Mawr College .............................................. 100.00
Columbia University ............................................ 100.00
Cornell University .............................................. 100.00
Harvard University ............................................. 100.00
Haverford College .............................................. 100.00
Northwestern University ....................................... 100.00
Princeton University .......................................... 100.00
The University of California .................................. 100.00
The University of Chicago ................................... 100.00
Yale University .................................................. 100.00

Subscriptions to the TRANSACTIONS ($3.75), for 1900 .... 26.25
Subscriptions to the TRANSACTIONS ($3.75), for 1901 .... 221.25
Subscriptions to the TRANSACTIONS ($3.75), for 1902 .... 7.50
Subscriptions to the TRANSACTIONS ($3.75), for 1903 .... 3.75
Subscriptions to the TRANSACTIONS ($4.50), for 1900 .... 4.50
Subscriptions to the TRANSACTIONS ($4.50), for 1901 .... 126.00

Carried forward ................................................ $5,716.72
Brought forward... ...........................................$5,716 72
Subscriptions to the TRANSACTIONS ($4.50), for 1902........... 9 00
Subscriptions to the TRANSACTIONS ($5.00), for 1901 .......... 50 00
Subscriptions to the TRANSACTIONS ($5.00), for 1902......... 5 00
Sale of single copies of TRANSACTIONS......................... 28 32
Interest on deposit in Fifth Avenue Trust Company........... 50 20
Interest on Deposit in Savings Banks............................. 13 12
Colloquium fees............................................... 34 50
Exchange................................................................ 1 05

$5,907 91

<table>
<thead>
<tr>
<th>DISBURSEMENTS.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Expenses of the Secretary's office........................................... $ 220 42</td>
</tr>
<tr>
<td>Expenses of the Treasurer's office........................................... 71 65</td>
</tr>
<tr>
<td>Expenses of the Chicago Section............................................... 49 06</td>
</tr>
<tr>
<td>Expenses of the Committee of Publication....................................... 33 94</td>
</tr>
<tr>
<td>Expenses of the Editorial Committee of the TRANSACTIONS...................... 122 24</td>
</tr>
<tr>
<td>Publication of Bulletin (ten numbers).......................................... 1,064 46</td>
</tr>
<tr>
<td>Publication of TRANSACTIONS (five numbers)..................................... 2,136 38</td>
</tr>
<tr>
<td>Annual Register................................................................. 66 67</td>
</tr>
<tr>
<td>Exchange............................................................................ 74</td>
</tr>
<tr>
<td>Library............................................................................. 7 25</td>
</tr>
</tbody>
</table>

$3,772 81

Balance, Dec. 26th, 1901, cash............................................. $1,247 92
Balance, Dec. 26th, 1901, life membership fund.............. 887 18

$2,135 10

$5,907 91

WM. S. DENNETT,
NEW YORK, December 27, 1901.
Treasurer.

REPORT OF THE AUDITING COMMITTEE.

The Committee appointed by the AMERICAN MATHEMATICAL
SOCIETY to audit the accounts of the Treasurer beg to report as
follows:

We have examined the statement of receipts, including dues, initiation
fees, life membership commutations and sales of publications, and find the
same to be $5,907.91. We have examined the statement of disbursements,
compared it with the vouchers and find the same to be $3,772.81, leaving
a balance of $2,135.10, of which $887.18 is in the Institution for the Sav­
ings of Merchants' Clerks, $1,207.77 in the Fifth Avenue Trust Co. (by
balance on Dec. 16, 1901, subject to further deposits amounting to $69.60
and to withdrawals amounting to $37.40), and $7.95 in cash on hand.

GUSTAVE LEGRAS,
GEORGE D. OLDS,
NEW YORK, December, 28, 1901.
Auditing Committee.
REPORT OF THE LIBRARIAN FOR THE YEAR 1901.

I have the honor to make the following report concerning the present condition of the library of the Society:

During the past few years the library has increased in size and value by the accumulation of unbound periodicals received in exchange for the Bulletin and the Transactions. There has been no fund for binding these periodicals and no permanent place of deposit, the library remaining in the custody of the Librarian of the Society.

The desirability of properly caring for the library and of making it available for consultation by members of the Society and others induced the Council to accept the offer of Columbia University resulting in an agreement entered into October 30, 1901, between the Council of the Society and the Trustees of Columbia University.

This agreement provides in brief that the books, periodicals and other printed matter forming the library of the Society shall be deposited in the library of Columbia University. The University agrees to bind, catalogue and care for the library and to keep it as a separate collection to be used only as a reference library by persons other than members of the Society. Members of the Society may borrow the books under regulations to be determined by the Council of the Society and the Librarian of the University. The title to the books remains in the Society and they may be withdrawn from the University upon payment of the initial cost of binding.

In accordance with this agreement the library has been transferred from the personal custody of the Librarian of the Society to the Librarian of Columbia University, the books have been bound in a substantial and economical binding, and the library is now available for reference and loan.

I take this opportunity to recommend to members of the Society that the library be made a depository for mathematical publications, especially those of members of the Society and those which are of interest in a study of the history of mathematics in America. All such matter received will be properly cared for, bound if necessary, catalogued and included in the annual report of the Librarian.

Below is given a complete list of the periodical publications owned by the Society.
Amsterdam, Genootschap d. Math. Wetenschap, Wiskundige Op-gaben, vol. 5, nos. 2–7; vol. 6; vol. 7, nos. 2–4, 6; vol. 8, no. 4.
Amsterdam, Nieuw Archief voor Wiskunde, 1st series, vols. 1–20; 2d series, vol. 1, nos. 1, 2; vol. 3; vol. 4, nos. 1, 3; vol. 5, no. 2.
Amsterdam, Revue Semestrielle des Publications Mathématiques, vols. 1–9; Index, vols. 1–5.
Boston, American Academy of Arts and Sciences, Proceedings, 1890–1901; Memoirs, 1901.
Cambridge Philosophical Society, Proceedings, vol. 10, nos. 1–7; vol. 11, nos. 1–3; Transactions, vol. 17, nos. 2, 3; vol. 18; vol. 19, no. 1.
Cambridge, Mass., Annals of Mathematics, 1st series, vols. 1–4; vol. 5, nos. 1, 2, 4–6; vols. 6–12; 2d series, vols. 1, 2; vol. 3, nos. 1, 2.
Caracas, Venezuela, Annales de la Universidad Central, vol. 1, nos. 1, 2.
Christiania, Videnskabs-Selskabet, Skrifter, Mathematick-Naturvidenskabelig Klasse. 1898–1899; 1900, nos. 1–4; Forhandlinger, 1898–1899; Ofversigt, 1898–1899.
Cracow, Académie des Sciences, International Comptes Rendus, 1900, nos. 1–6, 10; Classe de Sciences mathématiques et naturelles, 1901, nos. 1–7.
44


Halifax, Nova Scotian Institute of Science, *Proceedings and Transactions*, vols. 8, 9; vol. 10, nos. 1, 2.


Kansas University, *Quarterly*, vol. 9; vol. 10, nos. 1, 2.


Kharbar, Mathematical Society, *Communications*, 2d series, vols. 5, 6; vol. 7, no. 1.

Leghorn, *Periodico di Matematica*, vol. 14; vol. 15, nos. 1–6; vol. 16; vol. 17, nos. 1–3; *Supplemento*, vol. 2, nos. 1–9; vol. 3, nos. 1–9; vol. 4, nos. 1–9; vol. 5, nos. 1–2.


Leipzig, Deutsche Mathematiker-Vereinigung, *Jahresberichte*, vols. 5–9; vol. 10, no. 2; vol. 11, nos. 1–2. Two sets.


Mexico, Sociedad Científica Antonia Alzate, *Memorias y Revista*, vols. 5–7; vol. 8, nos. 1–8; vol. 9, nos. 1–6, 9–10; vol. 10; vol. 11, nos. 1–8; vol. 12; vol. 13, nos. 1, 2; vol. 14, nos. 1–6, 9–12; vol. 15, nos. 1–10; vol. 16, no. 1.
Milan, *Annali di Matematica*, 3d series, vol. 2; vol. 3, nos. 1, 2; vols. 4, 5; vol. 6, nos. 1–3.
Moscow Mathematical Society, *Sbornik*, vol. 21; vol. 22, no. 1.
Palermo, *Il Pitagora*, vol. 5, nos. 1–3; vol. 6, nos. 1–8; vol. 7, nos. 1, 2.
Palermo, *Rendiconti del Circolo Matematico*, vol. 7, no. 6; vols. 8, 9; vol. 10, nos. 1–4, 6; vols. 11–14; vol. 15, nos. 1–4.


Springfield, Mo., *American Mathematical Monthly*, vol. 1, nos. 1, 2, 4; vol. 2, nos. 9–10, 12; vols. 4, 5; vol. 6, nos. 1–8, 10–12; vol. 7; vol. 8, nos. 1, 5–12.

St. Louis, Academy of Sciences, *Transactions*, vol. 5; vol. 6, nos. 1, 2, 8–17; vol. 7, nos. 6–17, 19; vol. 8, nos. 2–12; vol. 9; vol. 10, nos. 1–7, 9–11; vol. 11, nos. 1–9.


Tokio, Mathematico-Physico Society, *Proceedings*, vol. 6, nos. 1, 2; vol. 7; vol. 8, nos. 1–6.


Turin, *Rivista di Mathematica*, vol. 2; vol. 3, nos. 1–3, 6–12; vols. 4–5; *Revue de Mathématique*, vol. 6; vol. 7, nos. 1–3; *Notations de logique mathématique; Formulaire de mathématique*, vol. 1, incomplete; vols. 2, 3.


POMEROY LADUE,
Librarian.

NEW YORK, December 28, 1901.