

characteristic equation of  $A$  are all of the same sign, in particular, if  $A = \bar{I}$ , in which case  $G$  is the group of real orthogonal substitutions, every proper transformation of group  $G$  is the second power of a transformation of this group. Therefore, even when  $A$  is real, if the roots of the equation  $|A - \rho I| = 0$  are not all of the same sign and  $n \geq 4$ ,  $G$  is not isomorphic with the group of real orthogonal substitutions.

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### NOTES.

THE Annual Meeting of the AMERICAN MATHEMATICAL SOCIETY was held in New York on Wednesday afternoon, December 30, at three o'clock, the President, Dr. HILL, in the chair. There were twenty-four members present. On the recommendation of the Council, the following persons, nominated at the preceding meeting, were elected to membership: Professor THOMAS WILLIAM EDMONDSON, New York University; Professor JAMES LAWSON PATTERSON, Union College, Schenectady, N. Y. Reports were presented by the Secretary, Librarian and Treasurer. The Secretary announced that the membership of the Society was 279, a net increase of 12 for the year. The number of new members admitted during the year was 22, and the number of withdrawals 10. The average attendance at the ordinary meetings during the year was 15; the attendance at the last annual meeting 25; at the summer meeting 30; at the colloquium 16; and at the Princeton meeting 34. The number of persons who had attended at least one meeting during the year was 82, an increase of 21 over the preceding year. Mr. Pfister and Dr. Schultze were appointed a committee to audit the Treasurer's accounts.

The chair appointed Dr. Ling and Mr. Pfister tellers for the annual election. Upon canvassing the ballots cast in person and by mail, they announced that the following ticket had been elected:

<i>President,</i>	Professor SIMON NEWCOMB,
<i>Vice-President,</i>	Professor R. S. WOODWARD,
<i>Secretary,</i>	Professor F. N. COLE,
<i>Treasurer,</i>	Professor HAROLD JACOBY,
<i>Librarian,</i>	Professor POMEROY LADUE.

#### *Committee of Publication:*

Professor THOMAS S. FISKE,  
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