## MATHEMATICS

## XLV. THE REGULAR TETRAHEDRON IN RELATION O ITS CUBE AND OTHER SOLIDS

## Oscar Ingold

Medford, Oklahoma

## Abstracted by S. W. Reaves

- A regular tetrahedron may lie made from a culce by cuttinge off four of its corners with planes. each of which passes through three vertices, the colge, area of base, and volume of the tetrahedron are ccmpared with like parts of the cule from which it is cut, and the radius of the circumscribed sphere is expressed in terms of the edge of the tetrahedron. Modets of these solids were exhihited and printed copies of the paper were distriluted.


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