

the applications which depart so slightly from the typical problems of the text-books or the class-room that they are within the reach of all who make an honest effort to do the work of the course. Moreover, as regards the choice of material, the important improvement of introducing the integral as the limit of a sum early in the first course may now be fairly regarded as achieved. And yet, with all of this that is so good and sound, if you open one of our text-books on the calculus and ask: What is the calculus? What will abide after the formulas are forgotten? What is the soul and the spirit of this great science, as conceived by the man whose work in life does not lie within the field of mathematics? I can't help feeling that the answer does not ring clear: The calculus is the greatest aid we have to the appreciation of physical truth in the broadest sense of the word.

NOTES.

THE fourteenth summer meeting of the AMERICAN MATHEMATICAL SOCIETY will be held at Cornell University on Thursday-Friday, September 5-6. Titles and abstracts of papers to be presented at this meeting should be in the hands of the Secretary by August 24. Abstracts intended to be printed in the announcement of the meeting must be submitted by August 17.

THE April number (volume 8, number 2) of the *Transactions* of the AMERICAN MATHEMATICAL SOCIETY contains the following papers: "Dynamical trajectories: the motion of a particle in an arbitrary field of force," by E. KASNER; "A class of periodic orbits of an infinitesimal body subject to the attraction of n finite bodies," by W. R. LONGLEY; "A proof of some theorems on pointwise discontinuous functions," by E. B. VAN VLECK; "Invariants of binary forms under modular transformations," by L. E. DICKSON; "Projective differential geometry of curved surfaces (first memoir)," by E. J. WILCZYNSKI; "A method for constructing the fundamental region of a discontinuous group of transformations," by J. I. HUTCHINSON; "Oblique reflections and unimodular strains," by E. B. WILSON; "On the introduction of convergence factors into summable series and summable integrals," by C. N. MOORE.