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BERNOULLI, J., Die Differentialrechnung. Aus dem Jahre 1691/92. Nach der in
der Basler Universitätsbibliothek befindlichen Handschrift übers., mit einem
Vorwort und Anm. vers. von PAUL SCHAFHEITLIN. (Oswalds Klassiker der
exakten Wissenschaften. No. 211.) — 56 pp. 8. 1924.

G. Bell and Sons.
London.

LEATHEM, J. G., Elements of the mathematical theory of limits. — VIII + 288 pp.
8. 1925.

1. Introductory.

   Numbers. Functions and variables. Arithmet. and algebr. illustrations of
   tendency to limit. Geometr. illustr. of tendency to limit. Infinity.

2. Gen. theory.

   Notation and definitions. Sets of numbers. Elementary theorems about limits.
   Further exemples of geometr. limits. Triginometr. functions and their limits.
   Infinitesimals and their orders. Infinites and their orders. Limits of sums,
   products and quotients. Increment, incremental ratio, and continuity of a
   function. Infinitesimal approximation. Asymptotic approximation. Functional
   progresses that are not definite tendencies. Miscell. theorems. Discontinuous
   functions. Discontinuous progresses of the independent variable. Differential
   coefficients. Existence theorems, etc. Limits and boundaries of a set of num-
   bers. Continuous functions. Exponential and logarithmic limits. Ultimate
   inequalities. Limits derivable from the exponential limit.

3. Infinite series and products.

   Summation and convergence of series. Positive series. Absol. convergence
   and semi-convergence. Multiplication of infinite series. Binomial and expo-
   nential series. Taylors theorem and applic. Infinite products. Integration
   limits. Limits of simple continued fractions. Irrational numbers.