

mixtures; also of the relations between composition and chemical properties. A further part will include the laws of "diluted matter," in the form of gas, or in solution; also electrochemistry. And a final part will treat of colloidal solutions and the chemical action of radiations.

Judging from the present volume, the work when completed will be one of great interest; for, although in the part before us there is a good deal which for the chemist can only be regarded as good discipline, there are also, here and there, many passages which are suggestive and stimulating; none the less so for the fact that the author's reasoning does not always carry conviction with it. Such is, for instance, that in which an attempt is made to give a more imaginable form to the idea of changes of entropy (Chapter V); and that in which the ordinary idea of forms of energy is discussed (Chapter IV).

The contents of the present volume will be sufficiently indicated by giving the headings of the nine chapters which compose it: I, The notion of force; II, The factors of action; III, The principle of equivalence and the notion of energy; IV, Rôle of the factors of action in the production of changes; V, The principle of evolution; VI, Characteristics of stable equilibrium; VII, Pure substances and laws of combination; VIII, Chemical potential; IX, The phase rule. It will be seen that the later chapters have a much more chemical complexion than the earlier ones; nevertheless the treatment throughout is abstract and mathematical, and will not appeal at all to those chemists to whom the calculus is a stumbling-block. To others this work will hardly fail to be interesting.

A. P. SAUNDERS.

DETERMINATION OF RADICALS IN CARBON COMPOUNDS. BY H. MEYER.  
Authorized translation by J. BISHOP TINGLE. Second edition rewritten.  
New York: John Wiley and Sons. London: Chapman and Hall.  
xii + 162 pp. 12mo. Cloth. Price, \$1.00.

The first edition of this little book was reviewed in this Journal, 22, 50, and is already favorably known to organic chemists. The present edition contains over 20 per cent. of new matter, including several cuts. The author has cooperated with the translator in the work of revision.

S. P. MULLIKEN.

LOIS GÉNÉRALES DE L'ACTION DES DIASTASES. PAR VICTOR HENRI.  
Paris: Published by Librairie Scientifique, A. Hermann.

This is a well-printed book of 129 pages devoted to a discussion of the general laws of the action of the diastases.