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advances made in all the departments underlying our phylogenetic insight into life have now, after thirty years, rendered it possible for the author to fill out the gaps and supply many of the details of the original system. None but a specialist could judge or appreciate the absolute scientific legitimacy of such a tremendous plan. But be that what it may, nothing but unqualified admiration is due to the indefatigable efforts and comprehensive erudition of the great naturalist, its author, who has done more perhaps than any scientist living towards stimulating, organising, and interpreting biological inquiry, and who, with a modest confession of the faults of his proposed system, merely hopes that his new sketch will contribute, in some degree, to the promotion and extension of that genuine natural history, which, in his opinion, is destined to solve the highest problems of science. We find in the last remark, indeed, the keynote of the work. It is not a text-book, but merely a hypothetical structure, designed to show the lines along which further work in 'the construction of the hypothetical genealogy of life is to be conducted. The value of a plausible but intricate hypothesis can be determined only after its main conclusions have been elaborated ; but the discipline of such a plan and its execution, in a heuristic regard, is invaluable. T. J. McC.

ALGEBRA UND LOGIK DER RELATIVE. Der Voriesungen über die Algebra der Logik dritter Band. By *Ernst Schröder*. Leipsic : B. G. Teubner. 1895. Pages, 649.

The materials of Prof. Ernst Schröder's great work on the *Algebra and Logic of the Relatives* appear to grow under his hands. The third volume was intended as the last part, and here we have the first stately instalment only of the third volume, but this is exactly what we must expect, considering the fact that we have here the foundation of a new science, the algebra of thought, that is to say, language expressed in the abstractest possible symbols, which, it is hoped, will enhance man's power of thought as much as algebra made the solution of our various arithmetical problems easier. As to the plan of the whole work, we refer the reader to our review of the first volume of the book. The present volume treats mainly on the operation of binary and uninary relatives. Professor Schröder draws largely upon Charles Peirce's methods, as set forth in scattered articles, and on Dedekind's theory of concatenations.

We must here be satisfied with the mere announcement of the book, as we intend to give it a more careful review on its completion. P. C.

ANARCHY OR GOVERNMENT? An Inquiry in Fundamental Politics. By *William Mackintire Salter*. New York and Boston : Thomas Y. Crowell & Co. 1895 Pages, 176. Price, 75 cents.

''In a time of social unrest and uncertainty like the present,'' says Mr. Salter, ''it may not be amiss to go back to first principles.'' It is the author's object to get at the norms which underlie the action of government, so that we can readily judge