

**A TREATISE ON
LOGIC, PURE
AND APPLIED**

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A treatise on logic, pure and applied by S. H. Emmens

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S. H. EMMENS

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A TREATISE ON LOGIC

PURE AND APPLIED

BY S. H. EMMENS

AUTHOR OF "SELECTIONS FROM LOCKE ON THE HUMAN UNDERSTANDING"

With Introduction and Notes



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PREFACE.

LITTLE more will be expected from a work of the following description, than that it should contain an intelligible and concise exposition of those facts and principles which form, as it were, the groundwork of logical science. Necessarily, therefore, it must be, for the most part, a compilation of such views as have obtained general acceptance, and can lay but little claim to any high degree of originality.

At the same time, I may be permitted to state that some features exist which serve to distinguish this Treatise from its numerous predecessors, and which will, I hope, prove of service to the student by inciting him to examine for himself such theories and principles as come under his notice. Those features to which I more particularly allude, are the reference of all so-called "Immediate Inferences" to the class of syllogisms; the grounds for an extended adoption of Aristotle's *Dictum*; the refutation of the charge that every syllogism involves a *petitio principii*; the explication of the inductive theory in Applied Logic; and, finally,

the doctrine of classification, by which every detail and branch of Logic is shown to exist in harmonious unison. And as these views are, in a measure, opposed to those contained in works of great repute, I have appended to the body of this Treatise four Articles, wherein are set forth such arguments as I think sufficient to justify me in advancing the above-mentioned doctrines.

I also deem it advisable to state that it has been my endeavour to give this work as *suggestive* a character as possible; and, therefore, although it belongs to a rudimentary series, professing to treat only upon the first elements of Logic, I am yet not without hope that it will be found a sufficient introduction to such comprehensive and elaborate treatises as those of Mr. Mill, Professor De Morgan, and others. But while I have thus been compelled to satisfy myself in many cases with an enunciation rather than with a full investigation of certain doctrines, I still trust that, in the following pages, the student will find all that is really requisite to give him a fair, practical knowledge of Logic.

The chapter on Applied Logic is, I am sensible, but a mere sketch. As, however, to do justice to so vast a subject would require a great extension of the present limits, and would thus curtail the utility of this Treatise by enhancing its price, I have contented myself with directing the student's attention to such points as are most important, both in theory and practice. For the same reason, nothing beyond the bare outlines is given of such new doctrines as I have here

adopted; all further development of them being deferred to a future occasion.

I take this opportunity of acknowledging my many and great obligations to those writers upon Logic whose works I have consulted; and although it may seem invidious to particularise, yet as, for reasons which will be found specified in their proper place, I have expressly referred to Mr. John Stuart Mill, as being the advocate of certain opinions which are combated in the following pages, I think it only just that I should here record my admiration for the profound philosophy and great attainments which are so apparent in the writings of that gentleman.

S. H. E.

London, January, 1865.

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