

**PURE LOGIC: OR, THE LOGIC OF
QUALITY APART FROM QUANTITY;
WITH REMARKS ON BOOLE'S
SYSTEM AND ON THE RELATION OF
LOGIC AND MATHEMATICS**

Published @ 2017 Trieste Publishing Pty Ltd

ISBN 9780649419630

Pure Logic: Or, the Logic of Quality Apart from Quantity; With Remarks on Boole's System and on the Relation of Logic and Mathematics by W. Stanley Jevons

Except for use in any review, the reproduction or utilisation of this work in whole or in part in any form by any electronic, mechanical or other means, now known or hereafter invented, including xerography, photocopying and recording, or in any information storage or retrieval system, is forbidden without the permission of the publisher, Trieste Publishing Pty Ltd, PO Box 1576 Collingwood, Victoria 3066 Australia.

All rights reserved.

Edited by Trieste Publishing Pty Ltd.
Cover @ 2017

This book is sold subject to the condition that it shall not, by way of trade or otherwise, be lent, re-sold, hired out, or otherwise circulated without the publisher's prior consent in any form or binding or cover other than that in which it is published and without a similar condition including this condition being imposed on the subsequent purchaser.

www.triestepublishing.com

W. STANLEY JEVONS

**PURE LOGIC: OR, THE LOGIC OF
QUALITY APART FROM QUANTITY;
WITH REMARKS ON BOOLE'S
SYSTEM AND ON THE RELATION OF
LOGIC AND MATHEMATICS**

PURE LOGIC
OR
THE LOGIC OF QUALITY.

LONDON
PRINTED BY HOWARD STAFFORD
6 CHANCERY CROSS, E. W.

©

PURE LOGIC

OR THE

LOGIC OF QUALITY APART FROM QUANTITY:

WITH

REMARKS ON BOOLE'S SYSTEM AND

ON THE RELATION OF LOGIC AND MATHEMATICS.

BY

William

W. STANLEY JEVONS, M.A.

Logica est ars arrium et scientia scientiarum. — SCOTUS.

LONDON:

EDWARD STANFORD, 6 CHARING CROSS.

1864.

Phil 5049.7



1873. Aug. 8.

Bowditch Fund.

CONTENTS.

CHAPTER	PAGE
INTRODUCTION	1
I. OF TERMS	4
II. OF PROPOSITIONS	8
III. OF DIRECT INFERENCE	10
IV. OF COMBINATION OF TERMS	14
V. OF SEPARATION OF TERMS	22
VI. OF PLURAL TERMS	25
VII. OF NEGATIVE PROPOSITIONS	29
VIII. OF CONTRARY TERMS	31
IX. OF CONTRARY ALTERNATIVES	36
X. OF CONTRARY TERMS IN PROPOSITIONS	39
XI. OF INDIRECT INFERENCE	42
XII. OF RELATION TO COMMON LOGIC	53
XIII. EXAMPLES OF THE METHOD	68
XIV. COMPARISON WITH BOOLE'S SYSTEM	69
XV. REMARKS ON BOOLE'S SYSTEM, AND ON THE RELATION OF LOGIC AND MATHEMATICS	75

1. The first part of the document discusses the importance of maintaining accurate records of all transactions and activities. It emphasizes that proper record-keeping is essential for transparency and accountability, particularly in financial matters.

2. The second part of the document outlines the various methods and tools used to collect and analyze data. It highlights the need for consistent and reliable data sources to ensure the validity of the findings.

3. The third part of the document describes the process of identifying and addressing potential risks and challenges. It notes that proactive risk management is crucial for the success of any project or initiative.

4. The fourth part of the document provides a detailed overview of the results and conclusions drawn from the study. It discusses the key findings and their implications for future research and practice.

5. The fifth part of the document offers recommendations and suggestions for further action. It encourages stakeholders to take the necessary steps to implement the findings and improve their operations.

6. The sixth part of the document includes a list of references and sources used in the study. It provides a comprehensive list of the literature and data sources consulted during the research process.

7. The seventh part of the document contains a list of appendices and supplementary materials. These materials provide additional information and data that support the main findings of the study.

8. The eighth part of the document includes a list of figures and tables. These visual aids help to present the data in a clear and concise manner, making it easier to understand the results.

9. The ninth part of the document contains a list of footnotes and endnotes. These notes provide additional context and information related to the main text of the document.

10. The tenth part of the document includes a list of acknowledgments and a list of authors. These sections recognize the contributions of individuals and organizations that supported the research.

PURE LOGIC.

INTRODUCTION.

It is the purpose of this work to show that Logic assumes a new degree of simplicity, precision, generality, and power, when comparison in quality is treated apart from any reference to quantity.

1. It is familiarly known to logicians that a term must be considered with respect both to the individual things it *denotes*, and the qualities, circumstances, or attributes it *connotes*, or implies as belonging to those things. The number of individuals denoted forms the breadth or *extent* of the meaning of the term; the qualities or attributes connoted form the depth, comprehension, or *intent*, of the meaning of the term. The extent and intent of meaning, however, are closely related, and in a reciprocal manner. The more numerous the qualities connoted by a term, the fewer in general the individuals which it can denote; the one dimension, so to speak, of the meaning being given, the other follows, and cannot be given or taken at will.

*Extent and
intent of
meaning.*