

**THE PSYCHOLOGY OF
REASONING, BASED ON
EXPERIMENTAL
RESEARCHES IN HYPNOTISM**

Published @ 2017 Trieste Publishing Pty Ltd

ISBN 9780649144471

The psychology of reasoning, based on experimental researches in hypnotism by Alfred Binet & Adam Gowans Whyte

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

ALFRED BINET & ADAM GOWANS WHYTE

**THE PSYCHOLOGY OF
REASONING, BASED ON
EXPERIMENTAL
RESEARCHES IN HYPNOTISM**

OTHER WORKS ON PSYCHOLOGY

- THE PSYCHIC LIFE OF MICRO-ORGANISMS. By DR. ALFRED BINET. Pages xii, 120. Cloth, 75 cents. (3s. 6d.)
- ON DOUBLE CONSCIOUSNESS. By DR. ALFRED BINET. Third Edition. Pages 93. Paper, 15 cents. (9d.)
- THE PSYCHOLOGY OF REASONING. By DR. ALFRED BINET. Pages, 193. Cloth, 75 cents. (3s. 6d.)
- THE SOUL OF MAN. By DR. PAUL CARUS. With 152 cuts and diagrams. Pages, xvi, 458. Cloth, \$3.00. (13s.)
- CONTRIBUTIONS TO THE ANALYSIS OF THE SENSATIONS. By PROF. ERNST MACH. Pages, xi, 208. Cuts, 37. Cloth, \$1.25. (6s. 6d.)
- THE PSYCHOLOGY OF ATTENTION. By PROF. TH. RIBOT. Fourth edition. Pages, 121. Cloth, 75 cents. (3s. 6d.)
- THE DISEASES OF PERSONALITY. By PROF. TH. RIBOT. Third edition. Pages, 157. Cloth, 75 cents. (3s. 6d.)
- THE DISEASES OF THE WILL. By PROF. TH. RIBOT. Second edition. Pages, vi, 121. Cloth, 75 cents. (3s. 6d.)
- THE EVOLUTION OF GENERAL IDEAS. By PROF. TH. RIBOT. (In preparation.) Pages, *circa* 250. Cloth, \$1.00. (5s.)
- ON MEMORY, AND THE SPECIFIC ENERGIES OF THE NERVOUS SYSTEM. By EWALD HERING. Second edition. 50 pp. Paper, 15 cents.
- THREE INTRODUCTORY LECTURES ON THE SCIENCE OF THOUGHT. By PROF. F. MAX MÜLLER. Pages, vi, 128. Cloth, 75 cents. (3s. 6d.)

THE OPEN COURT PUBLISHING COMPANY

324 DEARBORN ST., CHICAGO, ILL.

LONDON: KEGAN PAUL, TRENCH, TRÜBNER & COMPANY

University of Chicago Libraries

08959

psych
12 p
w
Loan Librarian

THE PSYCHOLOGY OF REASONING

BASED ON
EXPERIMENTAL RESEARCHES IN
HYPNOTISM

BY
ALFRED BINET

DOCTOR OF SCIENCE, LAUREATE OF THE INSTITUTE (ACADÉMIE DES SCIENCES
AND ACADÉMIE DES SCIENCES MORALES)

DIRECTOR OF THE LABORATORY OF PHYSIOLOGICAL PSYCHOLOGY IN
THE SORBONNE (HAUTES ÉTUDES)

TRANSLATED FROM THE SECOND FRENCH EDITION
BY ADAM GOWANS WHYTE, B. SC.

UNIVERSITY OF CHICAGO BOOKSTORE
RENTAL LIBRARY
5802 ELLIS AVENUE
CHICAGO - - - ILLINOIS

341628
16. 9. 37.

CHICAGO
THE OPEN COURT PUBLISHING COMPANY

LONDON: KEGAN PAUL, TRENCH, TRÜBNER & Co.

1899

7.24

COPYRIGHT, 1899
By THE OPEN COURT PUBLISHING COMPANY

All rights reserved

The Lakeside Press
R. R. DONNELLY & SONS COMPANY
CHICAGO

TO
DOCTOR CHARLES FÉRÉ
PHYSICIAN IN THE SALPÊTRIÈRE, BY HIS FRIEND
ALFRED BINET



CONTENTS.

CHAPTER I.

THE DEFINITION OF PERCEPTION.

	PAGES
Statement of the problem.—Ancient theory of proof.—Perception is produced by the coöperation of the senses and the mind.—Perception consists of an association of sensations and images.—Examples of illusions of the senses.	1

CHAPTER II.

IMAGES.

First: The definition of images.—The indifferent type.—The visual type.—The auditory type.—The motor type. Second: The physiological theory of images.—Images result from an excitation of the sensory centers of the cerebral surface layers. Third: The image compared with the consecutive sensation of sight. . . .	10
---	----

CHAPTER III.

REASONING IN PERCEPTION.

First: Properties of images associated with sensations—Experiments on hypnotic hallucination. Second: Perception results from an operation of synthesis.—Generic perception and individual perception.—These two kinds of perception are only different phases of the same process.—Proofs drawn from hypnotic experiments on systematized anaesthesia. Third: Perception is a reasoning.—Comparison of perception with the syllogism.—Helmholtz's opinion.—The illusion is a sophism. Fourth: To what conditions must an explanation of reasoning be subject?—Discussion of Mr. Spencer's theory.	56
--	----

CHAPTER IV.

THE MECHANISM OF REASONING.

PAGES

First: The law of fusion.—The total fusion of sensations in Weber's experiment.—The partial fusion in the zoötrope.—The partial fusion of images in the cases of Henslow and of Goethe.—The partial fusion of images in the formation of general ideas.—Comparisons drawn from Galton's generic images.—Physiological expression of the law of fusion. Second: The fusion of sensations and of images.—Hypnagogic hallucinations.—Toxic hallucinations.—Voluntary and involuntary illusions.—Analysis of a simple perception.—Every perception is an operation in three terms. Third: Proofs drawn from complex perceptions.—New comparison between perception and the syllogism.—Theory of three images.	102
---	-----

CHAPTER V.

CONCLUSION.

First: Logical reasonings have the same mechanism as perceptive reasoning.—New arrangement of the syllogistic propositions. Second: Reasoning compared to a supplementary sense. Third: Reasoning is the single type of all intellectual operations. Fourth: Reasoning is an organization of images.—Physiological theory of reasoning.	158
---	-----