CONTENTS

Introduc	ction by Erwin N. Hiebert	XI
Author's	s Preface to the First Edition	XXXI
Author's Preface to the Second Edition		
Editor's Note to the English Edition		XXXVII
I.	Philosophical and Scientific Thought	1
II.	A Psycho-physiological Consideration	15
III.	Memory. Reproduction and Association	23
IV.	Reflex, Instinct, Will, Ego	37
V.	Development of Individuality in a Natural and Cultural Habitat	51
VI.	The Exuberance of the Imagination	65
VII.	Knowledge and Error	79
VIII.	The Concept	92
IX.	Sensation, Intuition, Phantasy	105
X.	Adaptation of Thoughts to Facts and to Each Other	120
XI.	On Thought Experiments	134
XII.	Physical Experiment and its Leading Features	148
XIII.	Similarity and Analogy as a Leading Feature of Enquiry	162
XIV.	Hypothesis	171
XV.	Problems	185
XVI	Presuppositions of Enquiry	203

X CONTENTS

XVII.	Pathways of Enquiry	212
XVIII.	Deduction and Induction Psychologically Viewed	225
XIX.	Number and Measure	238
XX.	Physiological Space in Contrast with Metrical Space	251
XXI.	On the Psychology and Natural Development of Geometry	264
XXII.	Space and Geometry from the Point of View of Physical Enquiry	299
XXIII.	Physiological Time in Contrast with Metrical Time	330
XXIV.	Space and Time Physically Considered	339
XXV.	Sense and Value of the Laws of Nature	351
	Ernst Mach Bibliography (Compiled by O. Blüh and W. F. Merzkirch)	363
	Bibliography of Works Cited by Ernst Mach in Knowledge and Error	376
	Index of Names	388