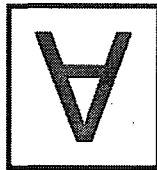


Alexander Pfänder

# Logic

Translated from the Third and Unaltered Edition  
by Donald Ferrari



**ontos**  

---

**verlag**

## CONTENTS

TRANSLATOR'S INTRODUCTION.....	vii
Introduction .....	1
1. <i>Object and Purpose of Logic</i> .....	1
2. <i>Traditional Logic</i> .....	18
3. <i>Psychologism</i> .....	20
4. <i>Logic and Epistemology</i> .....	25
5. <i>Logic and Phenomenology</i> .....	27
6. <i>Overview of the Following</i> .....	29

### PART ONE: THE THEORY OF THE JUDGMENT

1. Preliminary Considerations .....	31
1. <i>The Judgment and the Sentence</i> .....	31
2. <i>The Difference between Sentence and Judgment</i> .....	33
3. <i>The Relationship between the Judgment and the Assertive Sentence</i> .....	34
4. <i>The Judgment and the State of Affairs</i> .....	35
5. <i>The Supposition of the Sentence</i> .....	37
2. Essence and Structure of the Judgment .....	39
1. <i>Essential Components of the Judgment</i> .....	39
2. <i>The Copula-Function</i> .....	43
3. Objects, States of Affairs, and Judgments .....	47
1. <i>The Judgment and the Domain of Objects</i> .....	47
2. <i>Division of Judgments According to the Kinds of States of Affairs Posited</i> .....	47
4. Existential and Impersonal Judgments (Are There One-Term Judgments?) .....	53
1. <i>The Existential Judgment</i> .....	53
2. <i>The So-Called Impersonal or Subjectless Sentences</i> .....	64
5. The Judgment and Its Claim to Truth .....	73
<i>Supplement: Judgments Implied in a Judgment</i> .....	86

## Contents

6. The So-Called Quality of the Judgment .....	89
7. The So-Called Modality of the Judgment .....	99
8. The So-Called Relation of the Judgment .....	109
9. The So-Called Quantity of the Judgment and the Possible Forms of the Judgment .....	121
1. <i>General Judgments: Species Judgment and Individual Judgment</i> ..	128
2. <i>The Collective and Solitary Judgment</i> .....	131
3. <i>Combination of Quantity with Quality, Modality, and Relation</i> .....	135
10. Temporal Determination in the Judgment and the Comprehensive Definition of the Judgment .....	137
1. <i>Temporal Determination in the Judgment</i> .....	137
2. <i>Comprehensive General Definition of the Judgment</i> .....	138

## **PART TWO: THE THEORY OF THE CONCEPT**

<i>[General Remarks]</i> .....	141
1. Concepts, Words, Objects .....	143
2. Content of a Concept .....	147
3. Individual-, Species-, and Genus-Concepts .....	153
4. General Concepts .....	159
5. The Extension of a Concept – Content and Extension .....	163
<i>Content and Extension of a Concept</i> .....	166
6. Concrete and Abstract Concepts .....	169
7. The Definition of Concepts .....	171
8. Purely Functioning Concepts .....	177

## Contents

9. Logically Distinct Kinds of Object-Concepts .....	185
1. <i>Nominative or Substantive Concepts</i> .....	185
2. <i>Supplemental Concepts</i> .....	187
10. Relational Concepts .....	193
11. Summary: Laws for the Formation of Concepts and Judgments and the Special Function of Concepts in the Judgment .....	197
<i>The Laws for the Composition of the Concept and the Judgment</i> .....	197
<i>Possible and Necessary Components of the Judgment</i> .....	201
<i>The Special Function of Concepts in the Judgment</i> .....	202

### **PART THREE: THE FIRST PRINCIPLES OF LOGIC**

<i>[General Remarks]</i> .....	205
1. The Principle of Identity .....	207
1. <i>The Logical Sense of the Principle of Identity</i> .....	207
2. <i>The Broadening of the Principle of Identity and Analytical         Judgments</i> .....	217
2. The Principle of Contradiction .....	223
1. <i>The General Principle of Contradiction</i> .....	223
2. <i>The Special Principle of Contradiction</i> .....	235
3. The Principle of Excluded Middle.....	241
<i>The Principle of Contradictory Disjunction</i> .....	247
4. The Principle of Sufficient Reason.....	249
<i>Special Form of the Principle of Sufficient Reason</i> .....	261
5. The First Principles of Logic as Principles about the Truth and Falsity of Judgments.....	267

Contents

**PART FOUR: THE THEORY OF INFERENCES**

*Remarks Concerning Inferences in General* ..... 275

**A. THE THEORY OF IMMEDIATE INFERENCES**

*[General Remarks]* ..... 283

1. Immediate Inferences Involving Judgments of Different Quantity .... 285  
    1. *Inferences between Single and Plural Judgments* ..... 285  
    2. *Inferences between Singular, Particular, and Universal Judgments: Subalternation* ..... 286  
    3. *Inferences between Individual and Species Judgments* ..... 288  
    4. *Inferences between Solitary and Collective Judgments* ..... 291

2. Immediate Inferences Involving Judgments of Different Quality:  
    Opposition ..... 293

3. Immediate Inferences Involving Judgments of Different Modality:  
    Inferences of Modal Consequence ..... 299

4. Immediate Inferences Involving Judgments of Different Relation:  
    Inferences Involving Change of Relation ..... 303

5. Immediate Inferences by Reversal of Judgments: Conversion and  
    Contraposition ..... 309

6. Immediate Inferences of Equipollence ..... 317

7. Materially Conditioned or Nonformal Immediate Inferences ..... 319

8. Immediate Inferences through the Drawing Out of Judgments  
    Implied in a Judgment ..... 325

**B. THE THEORY OF INDIRECT INFERENCES**

*[General Remarks]* ..... 327

1. The Traditional Theory of the Syllogism ..... 329

## Contents

2. The Shortcoming of Traditional Syllogistic Theory .....	363
3. The Drawing of Indirect Inferences from Two Categorical Premises .....	369
4. The Structure of Categorical Syllogisms .....	377
1. <i>The "Generality" of the Major Premises in the First Two Figures</i> .....	377
2. <i>The Syllogism as the Logical Grounding, and the Mere Truth Correlation, of Judgments</i> .....	378
3. <i>The Relationship of the Truth and Falsity of the Premises to the Truth and Falsity of the Conclusion</i> .....	381
4. <i>Some Inferential Mistakes</i> .....	382
5. <i>Compound Categorical Inferences</i> .....	383
5. Indirect Inferences Using Hypothetical and Disjunctive Judgments ..	385
A. <i>Hypothetical Syllogisms</i> .....	385
B. <i>Disjunctive Inferences</i> .....	387
6. The Modality of Indirect Inferences .....	391
7. Deductive and Inductive Inferences .....	395
8. The Analogical Inference .....	405
9. Materially Conditioned or Non-formal Indirect Inferences .....	407
INDEX .....	413