- 1 Explanation of the way I use the terms "mental act", "content", "object-expression"
- 2 The occurrence of mental acts, in my sense of the word, is not controversial. Wittgenstein did not, as some people think, wish to controvert it
- 8 Reasons for rejecting Ryle's view that 'reports of mental acts', as I should call them, are really hypothetical or semi-hypothetical statements about overt behaviour
- 4 Reasons for beginning with a discussion of concepts and acts of judgment. There *are* episodic acts of judgment, not merely dispositions of a certain sort (beliefs)
- 5 Concepts are for me specific mental abilities exercised in acts of judgment, and expressed in the intelligent use of words (though not exclusively in such use). There is no reason to ascribe concepts (in this sense) to brutes
- 6 "Abstractionism" defined. I hold that no concept is acquired by the supposed process of abstraction. Abstractionism, being a muddled theory, cannot be established experimentally. How abstractionists regard (a) concepts applying to sensible objects, (b) psychological concepts

1

2

4

7

11

- 7 Abstractionism cannot account for logical concepts like those of not, or, every; though some abstractionists have tried to say that such concepts are derived from characteristic 'feelings' evoked by the logical words. It cannot be said, either, that logical words are mere signals for special exercises of non-logical concepts
- 8 Abstractionism is an unworkable theory for arithmetical concepts, even at the level of school arithmetic. 'Abstract' counting developing the series of numerals—is in fact temporally prior to counting objects: contrary to what abstractionists ought to expect
- 9 The characteristic marks of relational concepts are ignored by abstractionists; they would not be able to explain them
- 10 Abstractionism does not in fact work even for concepts of simple sensible characteristics, e.g. that of *red*. The abstractionist argument about men born blind, refuted. A difficulty for abstractionists over the concepts *red* and (*chromatic*) colour
- 11 The mind makes concepts, and neither this nor the exercise of concepts consists in finding a characteristic repeated in our experience; but conceptual thought does not falsify reality. Psychologists' attempts to establish abstractionism experimentally either do not treat of what I should recognize as concept-formation, or fail to show that concepts are acquired by a process of abstraction
- 12 Russell's theory of judgment: judgment consists in some psychical entity's coming

 $\mathbf{22}$

 $\mathbf{27}$

32

33

into a many-termed relationship, whose other terms are the particular and universal entities being judged about

13 Logical inadequacies of Russell's theory

- 14 Sketch of a new theory: a judgment to the effect that things stand in an *n*-termed relation R itself consists of Ideas standing in a derivative *n*-termed relation §(R) (where "§()" is a special, undefined, operator). Russell's objections to Ideas' entering into judgment; reply to these objections
- 15 In contrast to Russell, I started by considering judgments wholly expressible in general terms. Judgments about directly sensible particulars are to be analysed as judgments of general content standing in some special connexion with certain sense-experiences (Aquinas's conversio ad phantasmata). Similarly, the actual time-reference of a tensed judgment is no part of that which is judged, but comes from the sensory context in which the act of judging occurs
- 16 Proper names express identifications—e.g. "the Thames" expresses the identification of something as one and the same river. Identification involves an unsolved problem —which arises also for the use of "this" to signify not "what is now before me" but "what I had in mind just then" (its use for demonstratio not ad sensum but ad intellectum). The reference of a proper name to one outside object rather than another is not a genuinely psychological problem, and is to be explained only by bringing in the physical context of the utterance

vii

45 47

52

- 17 The theory that the concept judging is an analogical extension of the concept saying. General remarks on analogy-theories of psychological concepts
- 18 I shall consider psychological uses of the *oratio recta* construction (as in "The fool hath said in his heart "There is no God" "), rather than those of *oratio obliqua*. The logic of *oratio recta*
- 19 Some fallacious arguments against the possibility of using *oratio recta* in psychological descriptions
- 20 Discussion of the sort of psychological statement that logically involves 'quantifying into' oratio obliqua: e.g. "More people came to Smith's party than James thought would come". Our oratio recta paraphrases are adequate for these
- 21 The predicate "true" primarily applies to expressions in a language; here as elsewhere language about thought is an analogical extension of language about language
- 22 The theory sketched in §14 can be developed, interpreted, in terms of our present theory
- 23 Like all analogies, the analogy of judgment to spoken language must not be carried too far. Ockham's idea of an inner language certainly goes wrong in this respect. Again, spoken language has a definite position in the physical time-series, and spoken words occur in a definite order; but it would be quite wrong to ask about the time-order of Ideas in an act of judging, or how long an act of judging goes on

viii

75

87

79

92

96

- 24 Psychological judgments have been regarded as based on the deliverances of an 'inner sense', which affords the materials from which by abstraction we get psychological concepts. But 'inner sense' is a chimera
- 25 Psychological concepts relating to 'sensuous' experiences like seeing, hearing, fearing, pain, are applicable only as part of a complicated web of concepts, others of which relate to external physical objects and to behaviour. This is not behaviourism; but it does involve that, if we try to apply *these* psychological concepts otherwise than to living organisms (e.g. to disembodied spirits or machines), we do not know what we are doing
- 26 The fallacy of "Cogito ergo sum" as a proof that each of us is directly aware of an immaterial agent
- 27 There are genuine descriptions of sensations (besides Aeusserungen in Wittgenstein's sense); we have here conversio ad phantasmata, the phantasmata being the sensations themselves and not 'inner-sense' representations of them. (E.g. if I judge that my pain waxes and wanes regularly, my thought of pain waxing and waning regularly stands in the conversio-ad-phantasmata relation to the pain, not to an inner-sense representation of it)
- 28 What is the difference between the judgments expressed by "I see a round yellow disc a foot across" and "there is a round yellow disc a foot across"? The former is an analogical development of the system of

121

111

117

description used in the latter; the analogy is like the analogy whereby we come to call pictures by the names of the things pictured. We can indeed say that sensations really last a certain time and really have parts (formaliter, as Descartes would say, not just objective); but even here the concepts we use are used analogically 124

Appendix

Aquinas used the jargon of "abstraction", but his maturest thought at any rate (in the *Summa Theologica*) is explicitly opposed to what I call "abstractionism"

180

Bibliography	182
Index	183

ж