

# Contents

**List of Figures — XI**

**List of Tables — XII**

**Acknowledgments — XIII**

**List of abbreviations — XV**

## Part I: Introduction

<b>1</b>	<b>The central problems — 3</b>
1.1	The story to be told — 3
1.2	Propositional attitudes and their attributions — 3
1.3	Type of attitude reports concerned — 4
1.4	Opacity and contents of belief reports — 6
1.5	The strategy of the project — 8

## Part II: State of research

<b>2</b>	<b>Structured propositionalism and its shared assumptions — 13</b>
2.1	Frege's puzzle — 13
2.2	Two types of solutions from structured propositionalism — 16
2.2.1	Frege's solutions — 16
2.2.2	Millian transparency — 19
2.3	Common acceptance of the assumptions — 24
2.3.1	<i>Eigenname</i> view — 24
2.3.2	Relation Account — 25
2.4	Summary — 27
<b>3</b>	<b>Indirectness of speech and role of deixis — 28</b>
3.1	The crosslingual nature of <i>Eigenname</i> view — 28
3.2	Evidence and arguments against the <i>Eigenname</i> view — 32
3.2.1	Content clause is not an NP — 32
3.2.2	Syntactic distinction between direct and indirect discourses — 36
3.2.3	Summary — 38

3.3	Content clause as an adjunct — 39
3.3.1	Is the Japanese content clause adverbial complement? — 39
3.3.2	Difficulties — 42
3.4	Content clause as a main clause — 43
3.4.1	Deixis and indirectness of discourse — 43
3.4.2	Hypothesis of the adjunct frame — 48
3.5	Summary — 49
4	<b>Metaphysical status of propositional attitudes — 50</b>
4.1	Identity account and double duties of abstract content — 51
4.1.1	Content as an abstract and public entity — 51
4.1.2	Grasping abstract entities — 52
4.1.3	Incompatibility of duties — 53
4.2	Isomorphism and the problem of reading back — 54
4.2.1	The Language of Thought hypothesis — 55
4.2.2	Independence of the domains — 56
4.2.3	Problems of reading back — 57
4.3	Account of propositional attitudes without reading back — 59
4.4	Deficits of IUFs: Evaluation of the measurement-theoretic account — 63
4.4.1	Idiolectal conclusion — 64
4.4.2	Maximal elaboration and pragmatic nature of the linguistic domain — 64
4.4.3	Recap: Nature of the representation domain — 66
4.5	Hypothesis — 66

### **Part III: Communicational approach**

5	<b>Communicative framework and discursive opacity — 69</b>
5.1	The context of content determination — 69
5.2	Pragmatic content determination — 70
5.3	Opacity in the pragmatic analysis — 74
5.3.1	Redefining the opacity — 75
5.3.2	Contexts for content determination and truth evaluation — 76
5.4	Summary — 76
6	<b>Opacity as a feature of the frame — 78</b>
6.1	The opaque frame hypothesis — 78
6.2	The hidden indexical theory — 80

6.3	Paratactic account — 82
6.3.1	Davidson's analysis — 83
6.3.2	Two problems of the paratactic account — 84
6.3.3	Recap — 87
6.4	Summary — 88
7	<b>Adverbial account of the frame — 89</b>
7.1	Linguistic supports for the adverbial account — 89
7.2	Austinian semantics on transparency — 92
7.3	Analysis of transparent belief reports — 95
7.4	Analyzing the opacity — 97
7.4.1	Recanati on opacity — 98
7.4.2	Unstable contexts — 101
7.4.3	Recap — 102
7.5	Difficulties of Recanati's account — 102
7.5.1	Transparency and stability of context — 103
7.5.2	Mixed occurrences of singular terms — 103
7.5.3	Epistemic state and content determination — 104
7.6	Summary — 105

## Part IV: The VarCA analysis

8	<b>The VarCA Analysis — 109</b>
8.1	Two foci in reporting beliefs: Reexamining the example — 109
8.2	Two types of VarCAs — 112
8.2.1	Two distinct VarCAs — 113
8.2.2	The VarCA analysis for transparent belief reports — 117
8.2.3	The VarCA analysis for opaque belief reports — 120
8.3	Summary — 125
9	<b>Consequences of the opaque VarCA — 127</b>
9.1	Coreference of proper names — 127
9.2	Sameness of a name — 130
9.3	Discursive opacity — 131
9.4	Mixed belief reports and default transparency — 133
9.5	Ontological hyperinflation — 135
9.6	Summary — 137

## Part V: Concluding remarks

<b>10</b>	<b>Conclusion — 141</b>
10.1	Requirements for the VarCA analysis — 141
10.1.1	Linguistic requirements — 142
10.1.2	Pragmatic analysis — 143
10.1.3	Requirement for truth evaluation — 144
10.2	Extending the class of objectives — 144
 <b>List of sentences — 147</b>	
 <b>Bibliography — 157</b>	
 <b>Source of examples — 160</b>	
 <b>Source of linguistic data — 161</b>	
 <b>Index — 163</b>	