Are the objects of propositional attitudes propositions in the serve of propositional and predicate logic?

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Notes for Taneli Hunstonen

9 sertenber 2003 Per Hartin-Lig

F(p) (Searle, Speech Acts, p. 31) Wraft/Sinn (Frege) Qualitat/Materie (Hussert, LU) Setzungscharaleter

thetischer Charaleter/Sinn(esteern)

(Husserl, Ideen I) modus/dictum (Bally) propositional attitude/ pro-position (Russell) neustric/privastic (Hare) functional component/sentencemood/descriptive content (Sterrius) illocutionary force/proposi-tional content (Austin, Searce) Cartesian cogito turned linguistic

when I will, fear, affirm or deny, I indeed conceive something as the object of the action of my mind, but I also add formething else by this action to the rite a that I have of the object; and of this class of thoughts, some are called volictions or affections, and the others judgements. (Descartes, Thord Meditation)

Brentano's dassification of prychical phenomena into representations (Vorstellungen), judgements (Urteile) and emotional acts (Gemütstätigkeiten), i.e. acts of love and hate

the object or content of a propositional attitude is that which is asserted, conjectured, wished etc. in an act of asserting, conjecturing, wishing etc.

assertion = Julgement

Propositions on the sense of propositions and predicate logic are the thrings that the logical operations operate on.

 $A \supset B$, A Q B, A V B $(\forall x \in D) A(X)$, $(\exists x \in D) A(X)$

Are they the same as the starting jects, or contents, of propositations of propositations of the starting of t

Early Frege (Begriffsschrift)

Late Frege (Gedanter geftige)

(wenn A, so B) ist water

A ist water

B ish water

Modern notation

A Commission of the contract o

Frege, early and late, let the assertoric force to operate on judgeable contents (Begriffs-Schrift) or thoughts. Also, it was these that were combined by means of the logical opera-

Trege of the middle period (1890's)

"Den finn des Namens eines Wahr.
heitswerthes nenne ich Gedanken."

(Grundgesetze, § 2)

Feder soldhe Name eines Wahr.
heitswerthes drückt einen Sinn,
einen Gelanden aus. Durch
unsere Festsetzunge, wit näm.
Lich bestimmt, unter welden
Bedingungen er das Wahre
bedente. Der sinn dieses Namens,
mens, der Gelande 186 der

lass lièse Bedringungen erfüllt sind. — Durch einen solchen Satz (sc. Begriffssehriftsatz) wird nun behauptet, dass dieser Name das Wahre bedeute. (Ibid., § 32)

thought in the sense

H (Atrue)

judgeable content or thought in the sense of early resp. Late trege

Judgement

"Thus we have first a propositronal concept, next als truth or fabrity as the case may be, and finally the assertion of its truth or fabrity." (Russell, The Principles of Mathematics, Appendix A, \$477, p. 503) False H (A true) assumption assertion

What is the type-theoretic analysis?

Constructively, a proposition in the sense of propositional and predicate logic is defined by its proof (rather than, south) conditions, and the truth of a proposition is tantamount to the existence of a proof of nt, which, is to say that the rule

A B ANCE

is meaning determining for the form of judgment

Anstruc = he (Atrue)

What entitles you to claim
the touth of a proposition is
that you prosent a proof of it.

Except for these differences
on the explanations of the motrons of proposition, and truth,
Frege's three component analysis of Goundgesetze is vindecated

assertance Contacts
Some

assertion or judgement

there is a difference between propositions in the sense of propositional and predicate logic and contents of assertions and other propositional attitudes. The truth operator or truth particle, is needed to convert a proposition of the

the content

A true
which may be rendered

A to be true (ace. + inf.)

A's being true

the being true of A

A's truth

the truth of A

that A is true

in natural language.

Herosition-radical radical complete proposition,

Using the terminology antitro.

duced by Wittgenstein (Photosophische Unitersuctumgen, \$23,
p. 11) and heavily exploited by

Stemus (Wittgenstein's Tractabus, chap. IX), the conduction that I have reached may be expressed by saying that a propertition on the serve of the properties and and predicate books is not a proposition-makinal (Sateralikal) to which it makes serie to apply the assector's locary other) force: it is merely a propontion-radical-radical. tor at to become a proposition radient, the truth operator much first be agried to at.

dient some

between knowing the meaning of a statement in the serve of grasping the content of an assortian of it, and in the serve of the sortie of the content of the serve of male it and the serve of male it of the content o

content of a complex statement
in which it is a constituent:

ver us refer to the former as

simply temoving the content

of the statement, and to the

latter as lemoving its ingre
dient sense. (Dunnett, Frege:

Philosophy of Language, pp. 446-7)

Dummett's terminology lends Theif perfectly to expressing the result that we have reached. Not only in nomintended interpretations, involving many fouth-values or many possible worlds, for example, is it necessary to distinguish between assectoric content and ingredient sense: even an the intended interpretation, there is a difference between them. To get to the assertoriz comdera from the ingredient sense, that necessary first

to apply the truth operator to

H (Atrue)

Avertoric content

The answer to the question, which was the title and start-