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Gluen statement is "For Every proposition &, if

The negation of the Statement can be expressed as follows:

\* If x is valid for Every valuation then the valuation of x is False.

\* There exists a proposition & for which there is no proof of &.

there is at least one proposition of the whole original gravement, which of the whole original gravement, which claims that tableau proofs exists for all the proposition.

> Negation of Guery proposition \( \alpha'' is

there exists a proposition \( \alpha \).

⇒ Negation et "it there is a lableau

Proof &" is for which there is no

Tableau proof of a"!

Finally, Negation makes the whole statement in to opposite from. Like. T(TX) -> FX.

Deffuition of agree costhis

The valuation V is Said to be "agree with" be an Entry E of a path p in a tableau. For Every proposition (alpha in the Entry E, the Value assigned to (alpha by V marches the value assigned to the value assigned to the valpha in the touth value assigned to the valpha in the lableau path P.

For every alpha in EV (talpha) = (assigned tourh value for Jalpha inp).

1) Parameters for the Concept 'agree cofth':

U (valuation): This parameter representing a

E (Futry)! This parameter representing
the entry in the Tableau
Path.

P (path) + This parameter Representing a path in the Tableau.

\alpha (proposition) & This Representing the Paramerer as proposition.