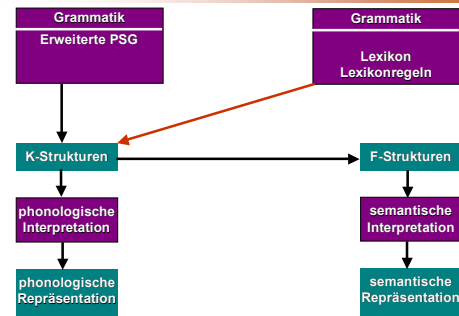


Lexikalisch-Funktionale-Grammatik

- Architektur der LFG
- K-Strukturen
- Funktionale Beschreibungen
- F-Strukturen

Unifikations-Grammatiken (UG)

Architektur der LFG



Unifikations-Grammatiken (UG)

K-Strukturen

- Konstituentenstruktur bzw. kategoriale Struktur
- Annotationen durch funktionale Gleichungen
- Funktionale Beschreibungen



Unifikations-Grammatiken (UG)

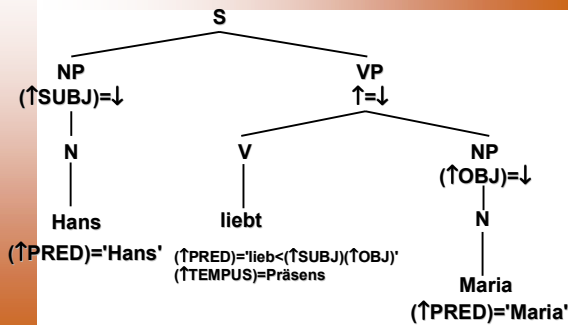
Von der K-Struktur zur F-Struktur: Annotationen

$S \rightarrow NP \quad VP$
 $(\uparrow SUBJ)=\downarrow \quad \uparrow=\downarrow$
 $VP \rightarrow V \quad (NP) \quad (NP) \quad (S')$
 $(\uparrow OBJ)=\downarrow \quad (\uparrow OBJ2)=\downarrow \quad (\uparrow COMP)=\downarrow$
 $NP \rightarrow (Det) \quad N \quad (PP)$
 $(\uparrow ADJUNCT)=\downarrow$
 $PP \rightarrow P \quad NP$
 $(\uparrow OBJ)=\downarrow$
 $S' \rightarrow COMP \quad S$
 $\uparrow=\downarrow$



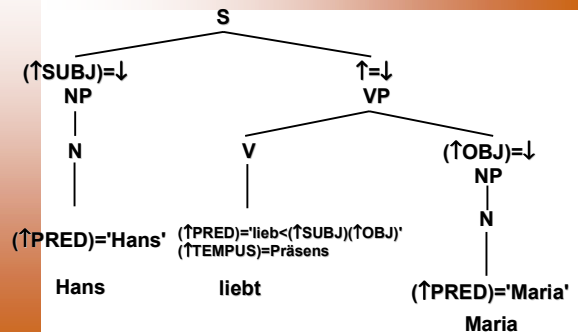
Unifikations-Grammatiken (UG)

Von der K-Struktur zur F-Struktur: Annotationen



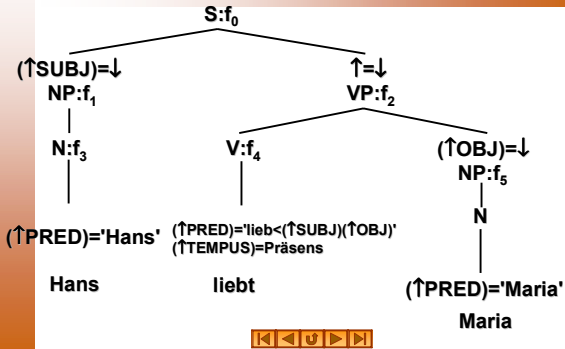
Unifikations-Grammatiken (UG)

Von der K-Struktur zur F-Struktur: Annotationen



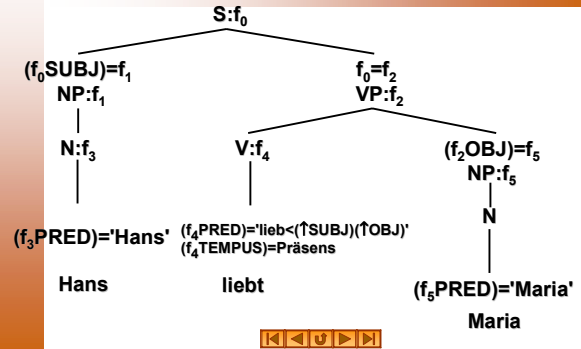
Unifikations-Grammatiken (UG)

Von der K-Struktur zur F-Struktur: Annotationen



Unifikations-Grammatiken (UG)

Von der K-Struktur zur F-Struktur: Annotationen



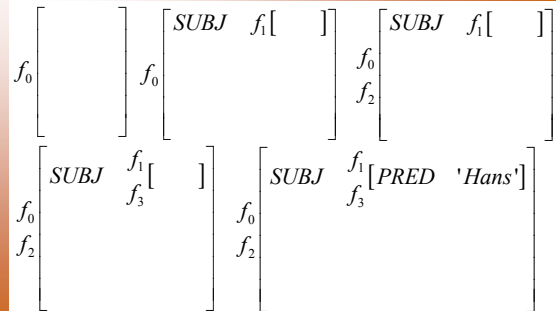
Unifikations-Grammatiken (UG)

Von der K-Struktur zur F-Struktur: Funktionale Beschreibung

- $(f_0SUBJ)=f_1$
- $f_0=f_2$
- $f_1=f_3$
- $(f_3PRED)='Hans'$
- $f_2=f_4$
- $(f_4PRED)='lieb<(↑SUBJ)(↑OBJ)>'$
- $(f_4TEMPUS)=Präsens$
- $(f_2OBJ)=f_5$
- $(f_5PRED)='Maria'$

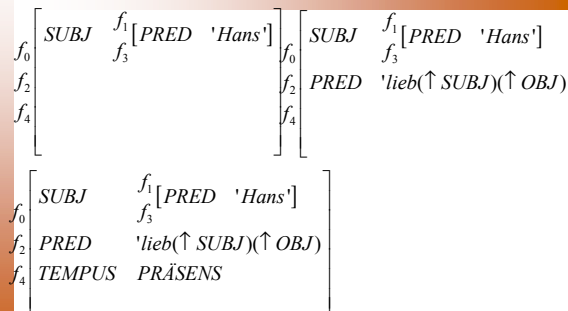
Unifikations-Grammatiken (UG)

F-Strukturen



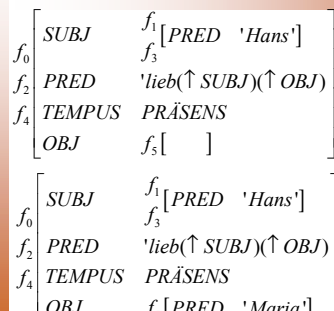
Unifikations-Grammatiken (UG)

F-Strukturen



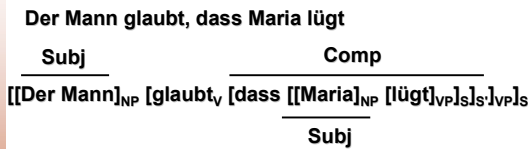
Unifikations-Grammatiken (UG)

F-Strukturen



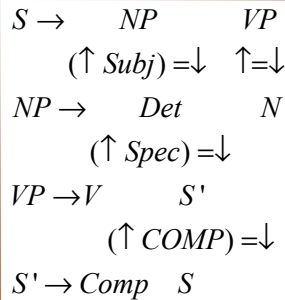
Unifikations-Grammatiken (UG)

Beispiel:



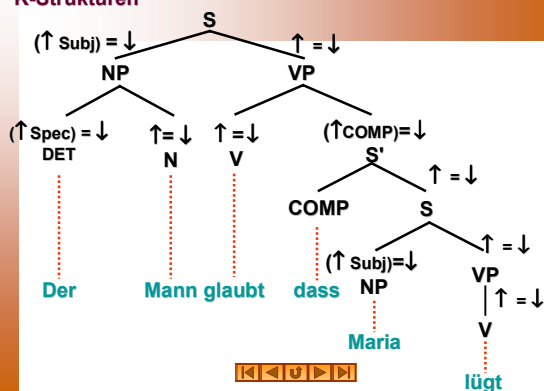
Unifikations-Grammatiken (UG)

Beispiel:



Unifikations-Grammatiken (UG)

K-Strukturen



Unifikations-Grammatiken (UG)

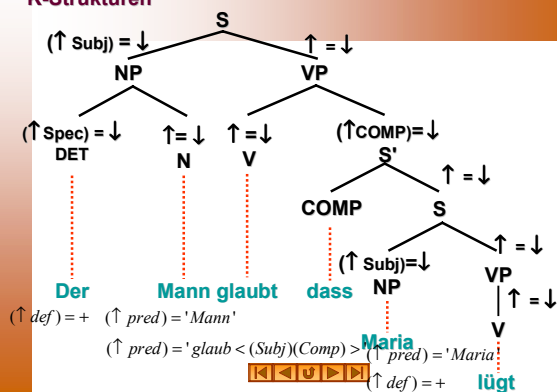
Lexikon:

<i>der</i>	<i>Det</i>	(↑ def)	+	<i>Maria</i>	<i>NP</i>	(↑ pred)	'Maria'
		(↑ Num)	<i>Sg</i>			(↑ Num)	<i>Sg</i>
		(↑ Cas)	<i>Nom</i>			(↑ Cas)	<i>Nom</i>
		(↑ Gen)	<i>Masc</i>			(↑ Gen)	<i>Fem</i>
						(↑ SpecDef)	+
<i>Mann</i>	<i>N</i>	(↑ pred)	'Mann'	<i>lügt</i>	<i>V</i>	(↑ pred)	'lüg <(Subj)>'
		(↑ Num)	<i>Sg</i>			(↑ Num)	<i>Sg</i>
		(↑ Cas)	<i>Nom</i>			(↑ Cas)	<i>Nom</i>
		(↑ Gen)	<i>Masc</i>			(↑ Gen)	<i>3</i>
						(↑ Tns)	<i>Pres</i>
<i>glaubt</i>	<i>V</i>	(↑ pred)	'glaub <(Subj)(Comp)>'	<i>dass</i>	<i>Comp</i>		
		(↑ Num)	<i>Sg</i>				
		(↑ Per)	<i>3</i>				
		(↑ Tns)	<i>Pres</i>				



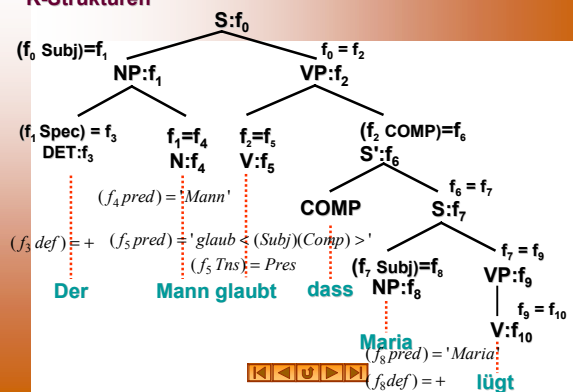
Unifikations-Grammatiken (UG)

K-Strukturen



Unifikations-Grammatiken (UG)

K-Strukturen



Unifikations-Grammatiken (UG)

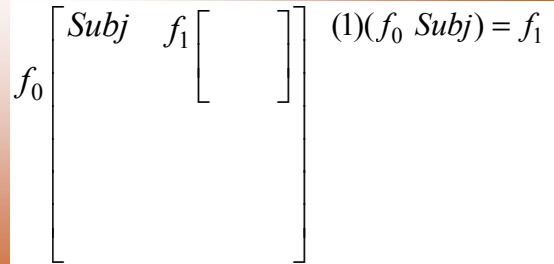
Funktionale Beschreibung

- (1) $f_0 \text{Subj} = f_1$
- (2) $f_0 = f_2$
- (3) $f_1 \text{Spec} = f_3$
- (4) $f_1 = f_4$
- (5) $f_2 = f_5$
- (6) $f_2 \text{Comp} = f_6$
- (7) $f_3 \text{def} = +$
- (8) $f_4 \text{pred} = \text{'Mann'}$
- (9) $f_5 \text{pred} = \text{'glaub < (Subj)(Comp) >'}$
- (10) $f_5 \text{Tns} = \text{pres}$
- (11) $f_6 = f_7$
- (12) $f_7 \text{Subj} = f_8$
- (13) $f_7 = f_9$
- (14) $f_8 \text{pred} = \text{'Maria'}$
- (15) $f_8 \text{def} = +$
- (16) $f_9 = f_{10}$
- (17) $f_{10} \text{pred} = \text{'lüg < (Subj) >'}$



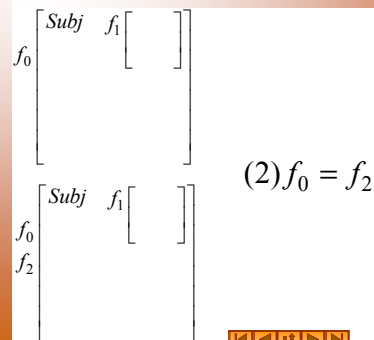
Unifikations-Grammatiken (UG)

Funktionale Struktur



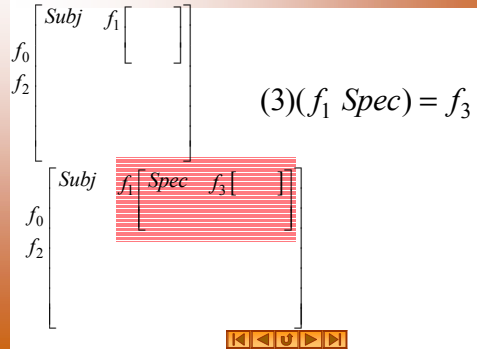
Unifikations-Grammatiken (UG)

Funktionale Struktur



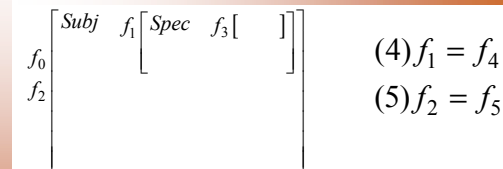
Unifikations-Grammatiken (UG)

Funktionale Struktur



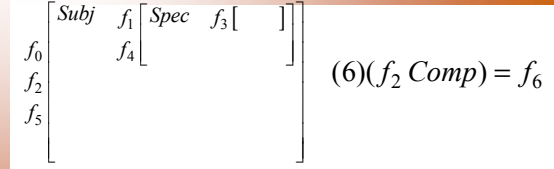
Unifikations-Grammatiken (UG)

Funktionale Struktur



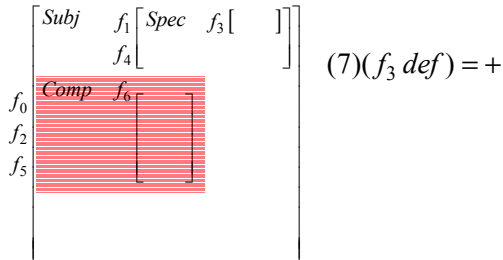
Unifikations-Grammatiken (UG)

Funktionale Struktur



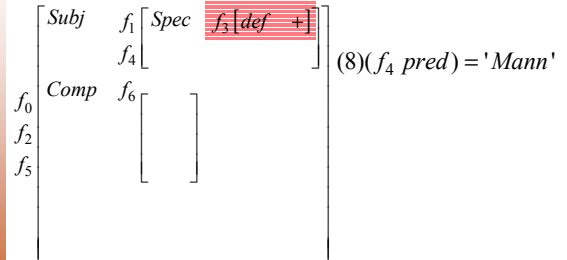
Unifikations-Grammatiken (UG)

Funktionale Struktur



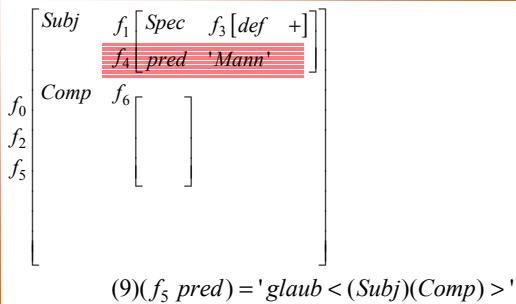
Unifikations-Grammatiken (UG)

Funktionale Struktur



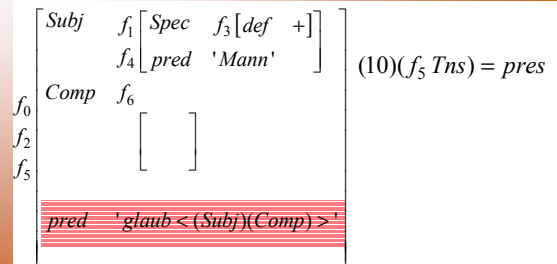
Unifikations-Grammatiken (UG)

Funktionale Struktur



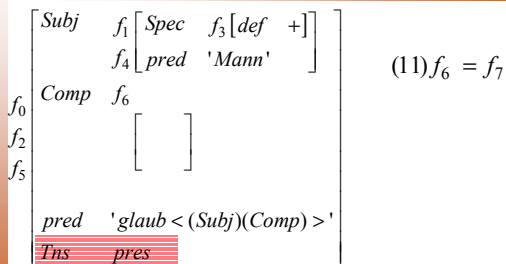
Unifikations-Grammatiken (UG)

Funktionale Struktur



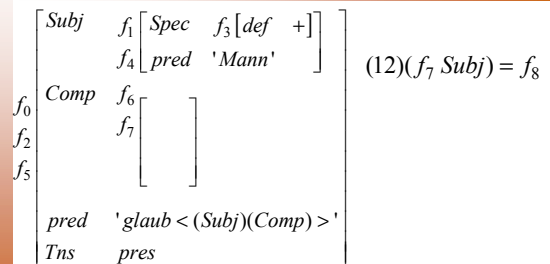
Unifikations-Grammatiken (UG)

Funktionale Struktur



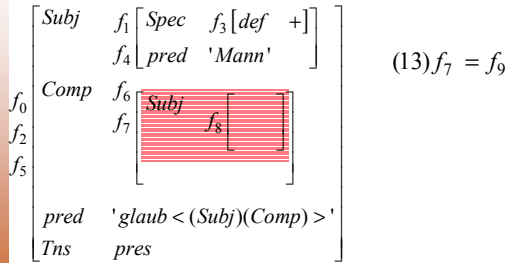
Unifikations-Grammatiken (UG)

Funktionale Struktur



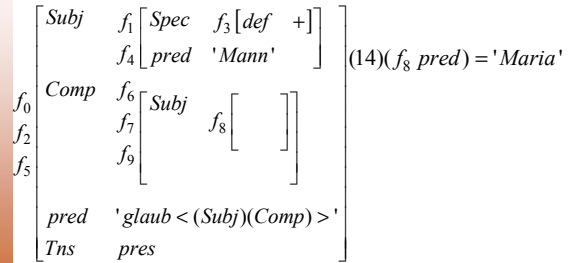
Unifikations-Grammatiken (UG)

Funktionale Struktur



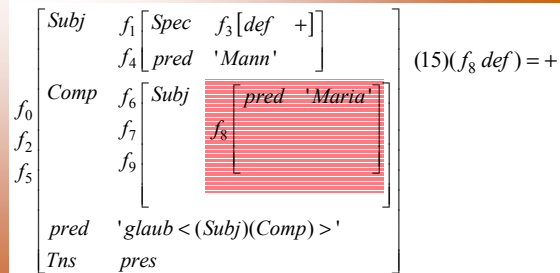
Unifikations-Grammatiken (UG)

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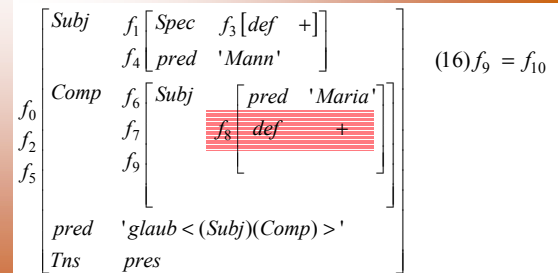
Unifikations-Grammatiken (UG)

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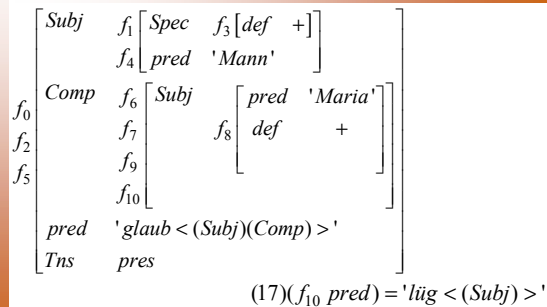
Unifikations-Grammatiken (UG)

Funktionale Struktur



Unifikations-Grammatiken (UG)

Funktionale Struktur



Unifikations-Grammatiken (UG)

Funktionale Struktur

