

Prosodische Templates in OT

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Zweisilbige Reduplikation in Diyari

	redupliziert	
wila	wila-wila	"Frau"
kanku	kanku-kanku	"Junge"
ku kuŋa	ku ku-ku kuŋa	"springen"
tʲilparku	tʲilpa- tʲilparku	"Vogel"
ŋankanti	ŋanka-ŋankanti	"Wels"

Minimale Morphologie



R=PRWD: "The reduplicant is a prosodic word"

Input: tjilparku	R=PRWD
 a. [tjil.pa] _{PW}	
 b. [tjil.par.ku] _{PW}	
c. tjil.pa	*!
d. tjil.par.ku	*!

Generelle phonologische Constraints I

PARSE=SYLL: "Every Syllable belongs to a foot"

ALL-FT=LEFT: "Every foot stands in initial position in a PW"
(ALIGN(FT,L,PW,L))


Input: tjilparku	PARSE=SYLL	ALL-FT=LEFT
 a. [(tjil.pa) _F] _{PW}		
 b. [(tjil.par) _F] _{PW}		
c. [(tj.ilpar) _F (ku) _F] _{PW}		*
d. [(tj.ilpar) _F ku] _{PW}	*!	

Generelle phonologische Constraints II

MAX: "Every input segment is retained in the output"

NO-CODA: "Syllables don't have codas"

CONTIG: "Corresponding strings are contiguous"

Input: tjilparku	CONTIG:	NO-CODA	MAX
 a. [(tjil.pa) _F] _{PW}		*	*
b. [(tji.pa) _F] _{PW}	*!		**
c. [(tjil.par) _F] _{PW}		**!	

Problem: Vollständige Formen

Input: tjilparku	ALL-FT=LEFT	MAX
☛ a. [(tjil.pa) _F] _{PW} [(tjil.par) _F (ku) _F] _{PW}	*!	***
☞ b. [(tjil.pa) _F] _{PW} [(tjil.pa) _F] _{PW}		*** ***
c. [(tj.ilpar) _F (ku) _F] _{PW} [(tj.ilpar) _F (ku) _F] _{PW}	*!*	

Input: tjilparku	MAX	ALL-FT=LEFT
☛ a. [(tjil.pa) _F] _{PW} [(tjil.par) _F (ku) _F] _{PW}	*!***	*
b. [(tjil.pa) _F] _{PW} [(tjil.pa) _F] _{PW}	*!*** ****	
☞ c. [(tj.ilpar) _F (ku) _F] _{PW} [(tj.ilpar) _F (ku) _F] _{PW}		**

Lösung: 2 Typen von Treue-Constraints

Input:	Affix _{Red}		Stem	
			↕	Input-Output Faithfulness
Output:	Reduplicant	↔	Base	Base-Reduplicant Faithfulness

MAX_{IO}: "Every input segment is retained in the base"

MAX_{BR}: "Every base segment is retained in the reduplicant"

Lösung: 2 Typen von Treue-Constraints

Input: tjilparku	MAX_{IO}	ALL-FT-LFT	MAX_{BR}
☞ a. [(tjil.pa) _F] _{PW} [(tjil.par) _F (ku) _F] _{PW}		*	***
b. [(tjil.pa) _F] _{PW} [(tjil.pa) _F] _{PW}	*!***		
c. [(tj.ilpar) _F (ku) _F] _{PW} [(tj.ilpar) _F (ku) _F] _{PW}		**!	