

Research Unit/Forschergruppe  
Copying, Sharing, Splitting:  
The Grammar of Replicative Processes

Jochen Trommer  
jtrommer@uni-leipzig.de

Department of Linguistics  
University of Leipzig

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# Overview

- 1 What is a Research Unit?
- 2 What is Replication?
- 3 What are our Plans?
- 4 What do we hope to get from you?

# What is a Research Unit?

## Public Research Funding – the German (DFG) Way:

- Funding a minimal project  $\approx$  Funding a PhD-student
- Funding big projects  $\approx$  Funding clusters of minimal projects
- { Graduiertenkolleg, **Forscherguppe** } < Sonderforschungsbereich

## Why we think this is a good thing

- this allows you to integrate specific topics with bigger scientific research questions
  
- it makes departments and faculties grow together

# Forschergruppen/Research Units

- 5-9 single projects  $\approx$  5-18 half/full-time research positions
- Funding for 6 (maximally 8) years in two 3-year phases
- Tight thematic coherence among single projects

## Creating Coherence across Phonology & Morphology & Syntax

### **The Obvious Way:**

Exploring Interfaces between modules and extragrammatical space

### **The Leipzig Way:**

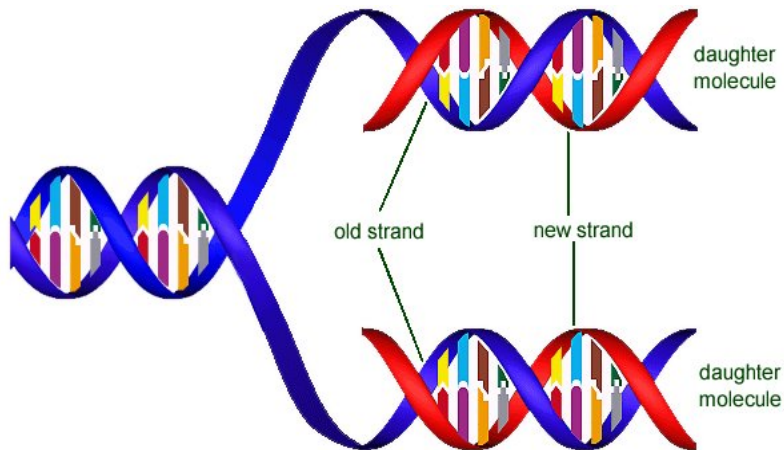
Exploring common abstract principles in different moduls/domains

# What is Replication?

## Inspirations and Questions



# Inspiration (I)



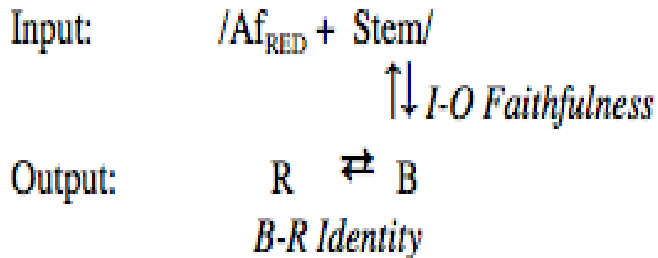
(Frampton 2010)

# Replication in Morphology: Reduplication

kuda	'horse'	<b>kuda-kuda</b>	'horses'
rumah	'house'	<b>rumah-rumah</b>	'houses'
singkatan	'abbreviation'	<b>singkatan-singkatan</b>	'abbreviations'

(Indonesian Sneddon 1996:16)

## Inspiration (II)

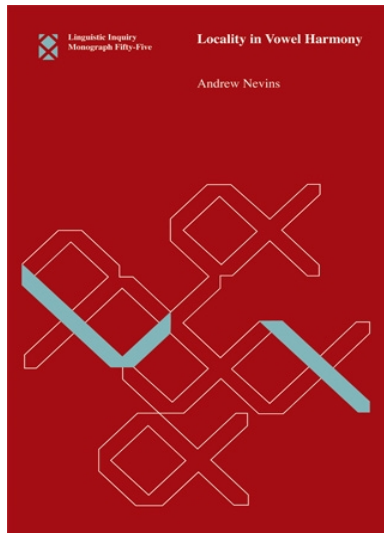


(McCarthy and Prince 1994, 1995)

## Question (I)

- What is the formal nature of replication?

# Inspiration (III)



## Replication in Phonology: Copy Vowels

pelekania (< English 'Brittannia')

palani (< English 'Brandy')

(Hawaiian, Kitto and de Lacy 1999)

# Replication in Syntax: Agreement/Concord

teur            -er  
expensive    **MASC:SG**

Kaffee  
coffee:**MASC:SG**

teur            -e  
expensive    **MASC:PL**

Kaffee                            -s  
coffee:**MASC**                **PL**

## Question (II)

- Is replication the same across grammatical modules?



# Property Replication in Phonology: Vowel Harmony

## ATR-Harmony in Turkana (Dimmendaal 1983)

/ε+los+I/  
3+go+ASP → [elosi] '(s)he will go'

/ε+kɔkɔ+ʊn+I+o/  
3+steal+VEN+IMP+PL.PASS → [ekokounio] 'they are being stolen'

[+ATR] (= 'Advanced Tongue Root')

ɪ	ʊ	ɛ	ɔ	ɑ
↓	↓	↓	↓	↓
<b>i</b>	<b>u</b>	<b>e</b>	<b>o</b>	<b>ʌ</b>

## Question (III)

- What are **different** types of replication in the same module?

# Dimensions of Replication

<b>Replication of grammatical ...</b>	<b>... Objects</b>	<b>... Properties</b>	<b>... Functions</b>
<b>Phonology</b>	Phoneme Splitting	Harmony Processes	Coalescence
<b>Morphology</b>	Reduplication	Multiple Exponence	Haplology
<b>Syntax</b>	Verb Doubling	Agreement/ Concord	Sharing Constructions

## More Questions

- What is the internal structure of replication?
- What are the locality domains of replication?
- How does replication interact with  
{ hierarchical structure, identity avoidance, ... } ?

# What are our Plans?

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- Research unit application including 9 projects in phonology, morphology, syntax
- Preproposal: fall of 2015, main proposal: spring 2016  
Start: Beginning of 2017
- Tight integration with Leipzig graduate school on grammatical building blocks (IGRA)

## Single Projects (Morphology)

- Barbara Stiebels:  
Multiple Exponence: Typology, Triggers, Theory
- Isabelle Buchstaller:  
Optionality of inflectional marking under doubling in varieties of English
- Martin Salzmann:  
Case Sharing in Morphology and Syntax

# Single Projects (Phonology and Digital Communication)

- Petr Staroverov:  
The psychological reality of non-copying consonant insertion
  
- Jochen Trommer:  
Morphosyntactic Domains of Harmony
  
- Beat Siebenhaar:  
Replication in Digital Corpora



# Single Projects (Syntax)

- Gereon Müller:  
Unifying Syntactic Copying
  
- Sandhya Sundaesan:  
Replicative and anti-replicative processes in the (morpho-)syntax
  
- Fabian Heck:  
Parallelisms in Syntax

What do we hope to get from you?

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- more inspiration, questions, feedback. . .

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