

1. Frames2. Shifting3. Metonymy4. Word formation5. Conclusion8	1. Frames 2. Shifting 3. Metonymy 4. Word formation 5. Conclusion 10
2. Shifting reference in a frame	2. Shifting reference in a frame Focusing on the campus
ADMINISTRATION STAFF STUDENTS PREMISES SOCCER TEAM Courses Courses Courses Courses Courses Courses Courses	University ADMINISTRATION STAFF STUDENTS PREMISES SOCCER TEAM Campus
	Disconnection of the source attribute (no link from target to source)
Löbner Surfing the frame net Glasgow 1 April 2016	Löbner Surfing the frame net Glasgow 1 April 2016
1. Frames 2. Shifting 3. Metonymy 4. Word formation 5. Conclusion 9 2. Shifting reference in a frame	1. Frames 2. Shifting 3. Metonymy 4. Word formation 5. Conclusion 11 2. Shifting reference in a frame Focusing on the community
Focusing on the campus	Focusing on the campus
Shift reference to the <i>campus</i> node > activation of attributes of the target	Re-linking the target to the source by inverting the relation

1.	Frames	2. Shifting
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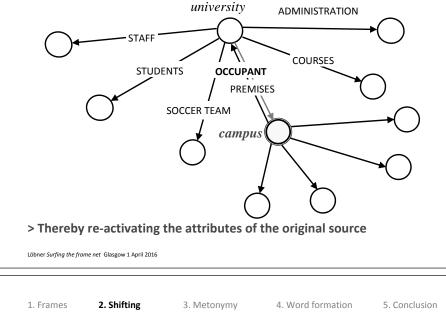
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5. Conclusion

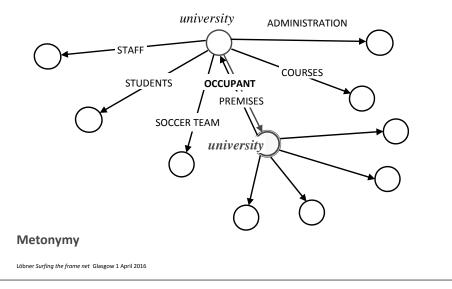
2. Shifting reference in a frame

Focusing on the campus



2. Shifting reference in a frame

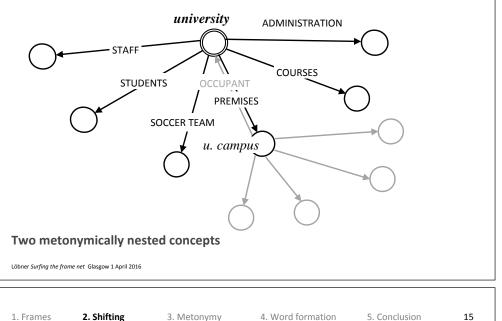
Focusing on the campus



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2. Shifting reference in a frame

Focusing on the campus



4. Word formation

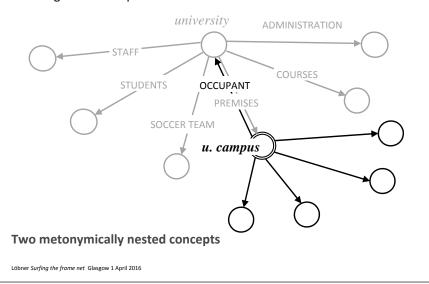
5. Conclusion

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2. Shifting reference in a frame

Focusing on the campus

1. Frames



3. Metonymy

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5. Conclusion

5. Conclusion

Shifting the referent of the frame from source R1 to target R2, i.e. to the value of one of its attributes, will

3. Metonymy

a. The ham sandwich is waiting for his check.

d. We need some new faces around here.

c. Joyce is hard to understand.

f. He was beaten up by skinheads.

e. That's a smart paper.

b. Moscow declared the Chechen rebels defeated.

• possibly activate more attributes of R2

The resulting target frame with referent R2 will

- possibly not fulfil the uniqueness condition for the referent of a sortal concept, because there may be no attribute which assigns R1 as its value to R2
- If the recentered frame is to encode a sortal concept (e.g. for 'a campus'), the original frame must provide an inverse attribute connecting R2 back to R1. This is a priori only possible if the attribute involved in the shift is a bijective function.

4. Word formation

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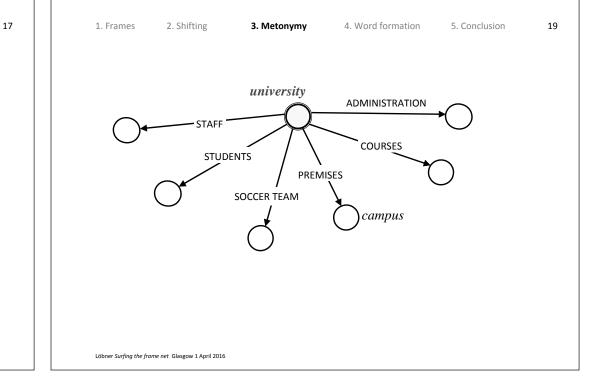
3.2 Bierwisch: examples of 'conceptual shift'

2. Shifting

(Bierwisch 1983): multiple metonymies with university

- (2) a. The university improved its ranking. (= institution)
 - b. The university will close down the Faculty of Agriculture.
 (= administration)
 - c. The university won the soccer game against the ministry of defense.
 (= soccer team)
 - d. The university starts on 3 April.
 (= courses)
 - e. The university is in the southern part of town. (= campus)

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Metonymy

3.1 Notorious examples

2. Shifting

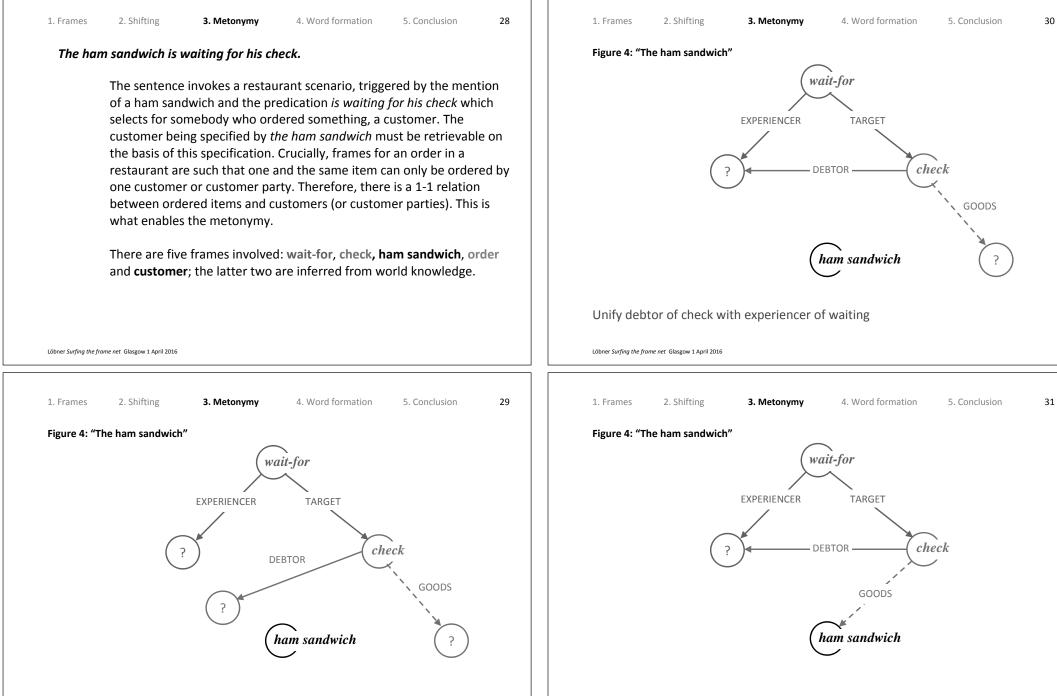
1. Frames

(1)

3.

3.3 Traditional definitions extensional definitions of metonymy				ions: bidirectional uniqueness
n its literal meaning and in its non-litepart \rightarrow wholeaequipment \rightarrow carrierblocation \rightarrow institutionMmeal \rightarrow customerhauthor \rightarrow workJainstrument \rightarrow play(er)bperson \rightarrow nameIcontainer \rightarrow contentcuniversity: a	n relations between the referents of the noun teral meaning. asshole, skinhead, redneck, new face blue helmet, green beret Moscow ham sandwich Joyce bass I ['m in the phonebook] cup	For every inst target type + Observation (The inversion For every inst source type. • THUS: The relations	nical relations are function cance of the source type th 2) [new] is of the metonymical rela	here is exactly one instance of the ations are functional: here is exactly one instance of the e based, are not arbitrary;
boner Surfing the frame net Glasgow 1 April 2016 . Frames 2. Shifting 3. Metonymy	ay 4. Word formation 5. Conclusion 21	Löbner Surfing the frame net Glasgow 1. Frames 2. Shift		4. Word formation 5. Conclusion :
				4. Word formation 5. Conclusion asshole, skinhead, redneck, new face
 Frames 2. Shifting 3. Metonymy ntensional definitions of metonymy Target and source are "contiguou (Lakoff & Johnson 1980; Lakoff 19 Target and source belong to the " where a domain is "any kind of co (Langacker 2008: 44). Target and source belong to the " where a domain is "any kind of co 	y: same domain, contiguity us". 987; Langacker 1987, 2008; Croft 2002) "same domain", onception or realm of experience" "same ICM" (Idealized Cognitive Model), onception or realm of experience"	1. Frames 2. Shift	ting 3. Metonymy	
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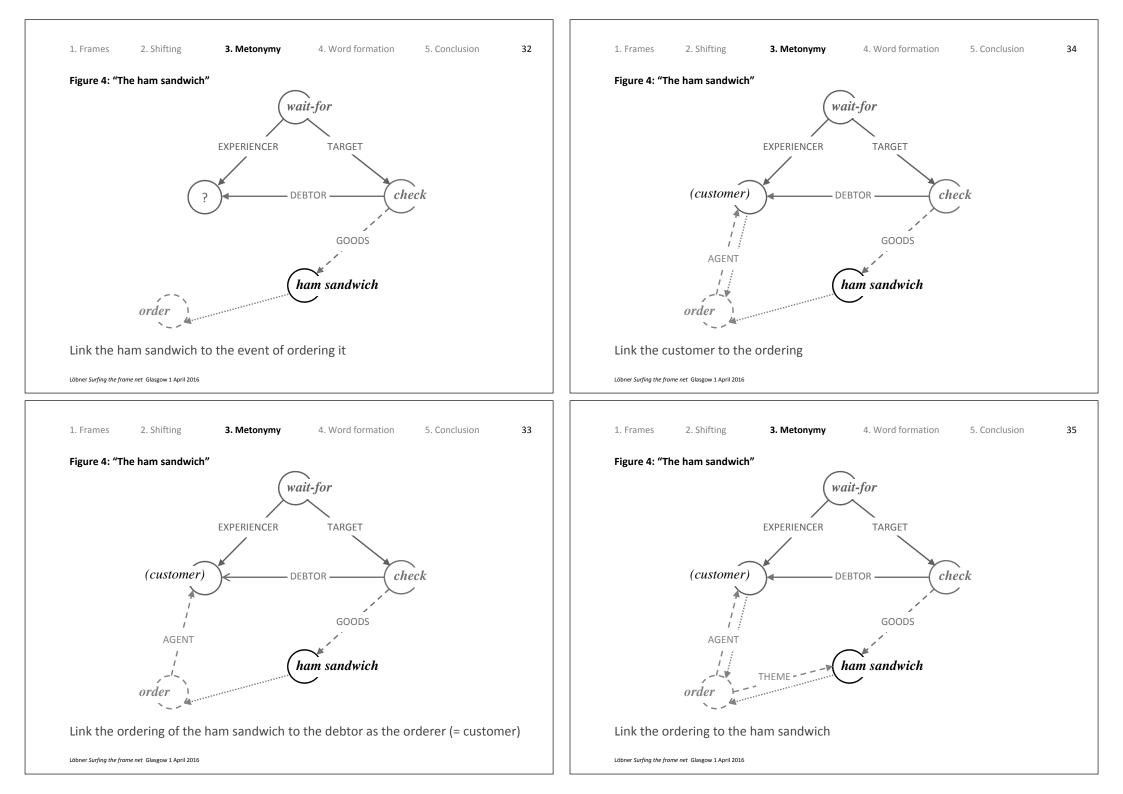
1. Frames 2. Shifting 3. Metonymy 4. Word formation 5. Conclusion 24	1. Frames 2. Shifting 3. Metonymy 4. Word formation 5. Conclusion 26
A frame perspective on metonymy	3.5 Selected examples revisited
• Metonymical relations are attributes in the frame of the source concept.	Figure 2: Frame structure for 'skinhead' (2): sortal concept '(a) skin head'
• Metonymy can be understood as a shift of the central (= referential) node of the original frame and the creation of an attribute relation from the new central node back to the original one.	HEAD SCALP (skin)
 A metonymical shift from one sortal concept to another is only possible if the attribute is a bijective function. 	HEAD SCALP person possessor
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1. Frames2. Shifting3. Metonymy4. Word formation5. Conclusion25	1. Frames 2. Shifting 3. Metonymy 4. Word formation 5. Conclusion 27
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3.5 Selected examples revisited Figure 2: Frame structure for 'skinhead' (1): functional concept '(the) skinhead of (person)' HEAD SCALP	3.5 Selected examples revisited Figure 2: Frame structure for 'skinhead' (3): sortal metonymical concept 'skinhead' HEAD SCALP
3.5 Selected examples revisited Figure 2: Frame structure for 'skinhead' (1): functional concept '(the) skinhead of (person)' HEAD SCALP	3.5 Selected examples revisited Figure 2: Frame structure for 'skinhead' (3): sortal metonymical concept 'skinhead' $ \begin{array}{r} \hline $

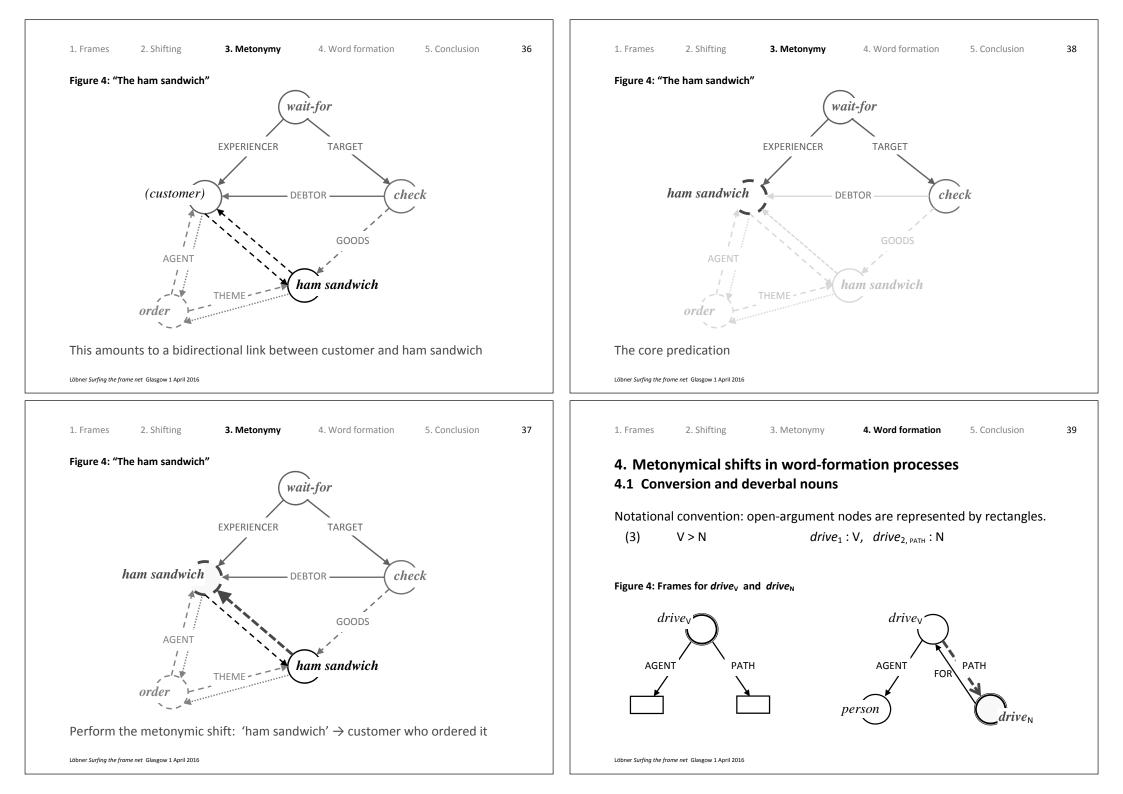


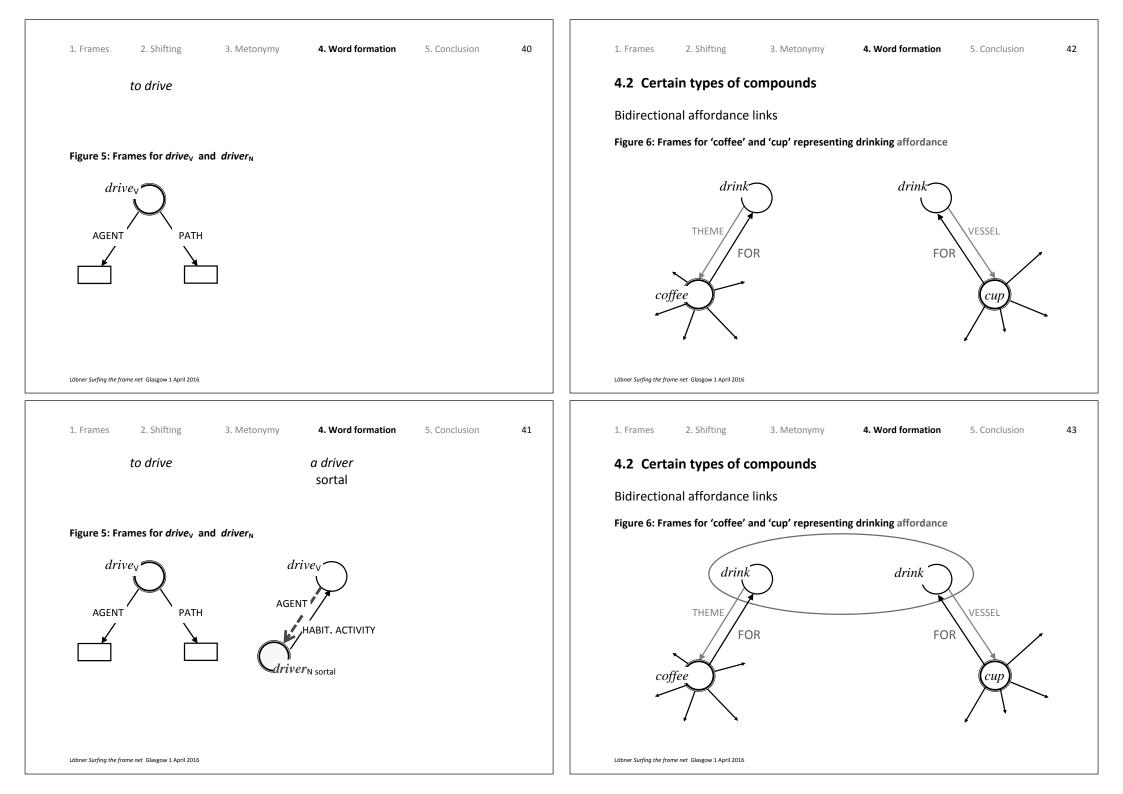
Unify the ham sandwich with the goods the check is for

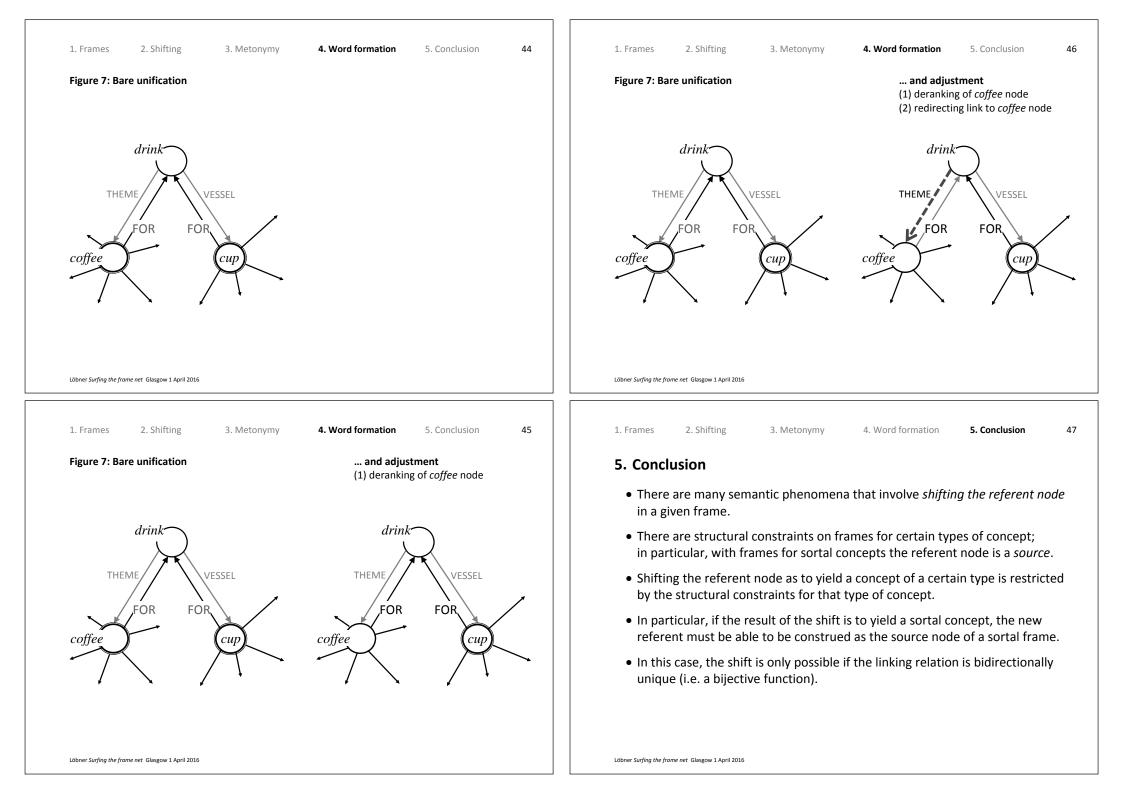
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5. Conclusion

5. Conclusion

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- The frame approach predicts that human cognitive systems host a vast network of frames which are interconnected by attribute links.
- THUS: the ubiquitous presence of metonymy as a relation between concepts and between internal elements of concepts provides evidence for the Frame Hypothesis: Concepts have frame structure.
- Attributes in general provide functional links that are 1-to-1 only in one direction. However, certain subclasses of attributes, e.g. mereological attributes, are bidirectionally 1-to-1. This explains and predicts the availability of metonymical relations between concepts.

1. Frames	Shifting	Metonymy	Word formation

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