Metaphor

Metaphor can be defined as a 'mapping across two conceptual domains' (Steen 2007). It fulfills a special role in religious language, where its capacity to express ideas about an abstract entity with reference to a well-known concrete entity works as a means to make statements about the transcendent. In (1), the metaphor SALVATION IS HEALING is used to convey religious ideas: abstract theological notions such as original sin and salvation are mapped onto a more tangible domain by referring to the concepts of wounding and healing.

(1)	fo vnir herre got alle die wnden virbindit die wir íe von adam
	gefrvmeton
	'Thus our Lord God binds up all the wounds we have suffered
	Adam's sin.' (Source: Züricher Predigten, from around 1200)

Steen's (2007) Five Steps

1	Identification of metaphor-related words (MRW)	(2)
2	Identification of propositions: tranform linguistic expressions into conceptual structures (subscripts s and t relate the concepts to the source and target domains, respectively).	P1(S P2(M P3(M
3	<pre>Identification of open comparison: transform propositions into mono-domain ones with open slots for the missing predicates and arguments, and compare the propositions by the function SIM{}</pre>	SIM
4	Identification of analogical structure: interpret and fill the open slots, which results in a closed comparison in the form of an analogy	SIM {
5	Identification of cross-domain mapping: read the corresponding arguments of the parallel propositions and add further correspondences, projecting implicit elements of the source to the target domain	SLEE HUMA GOAL > G

Annotating and interpreting deliberate metaphors: An implementation of Steen's Five Step Method

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An interdisciplinary research group is starting to investigate the role of metaphor in religious language across time and space. By annotating metaphor, we aim at making acts of textual interpretation explicit. Consequently, the aim is not necessarily to create easily reproducible annotations with high inter-annotator agreement. Still, annotations need to be systematic enough to be helpful as a basis for further analyses with methods from computational linguistics (e.g., automated metaphor identification), social sciences (analysis of interpretative patterns) and philological hermeneutics.

Now sleeps the crimson petal (Source: poem by Alfred Tennyson)

 $SLEEP_s PETAL_t$) MOD P1 NOW_t) MOD PETAL_t) CRIMSON_t

{∃F ∃a $[F(CRIMSON PETAL)]_t$ $[SLEEP(a)]_{s}$

 $[BE-INACTIVE(CR. PETAL)]_t$ (HUMAN)]_s} [SLEEP

EP > BE-INACTIVEN > CRIMSON PETAL OF SLEEP GOAL OF BE-INACTIVE: REST

- Mark metaphor: mark MRW in both
- Extract explicit p information into mi **Property:** <A>ha
 - **Relation:** <A> ha
- **Type:** A > is**6** Fill table (incom propositions into th
- upper left cell: litera Iower right cell: MRV
- Fill table (comple using test questions Iower left cell: "Who upper right cell: "W Read the compariso comparationis, by as "In which way/sense
- **6** Revise steps 2–4 propositions and dei
- **6** Link with thesau



Interdisciplinary Research Group

Annotation Scheme

This poster presents an annotation scheme for deliberate (non-conventionalized) metaphors, which implements and extends the method described by Steen (2007). The scheme guides the annotators through the individual steps of the analysis and provides a rigorous and transparent format that makes it easy to identify the cross-domain mapping. We see the scheme primarily as a tool that helps scholars to become clear about their own assumptions and (otherwise often unspoken) basic assumptions underlying their analysis, and at the same time to document these assumptions for others. It is in this sense that the resulting annotations and analyses are reproducible.

Kay, Christian et al., eds. (2009). Historical Thesaurus of the Oxford English Dictionary: With Additional Material from A Thesaurus of Old English. Oxford: Oxford University Press. ISBN: 978-0-19-920899-9. Steen, Gerard J. (2007). "Finding Metaphor in Discourse: Pragglejaz and Beyond". In: Cultura, Lenguaje y Repre*sentación* 5, pp. 9–25.

Our Annotation Scheme

translate sentence to English and versions propositions: break relevant	(3) <u>Skelette</u> von Hochhäusern ragen rechts und links in den Himmel ' <u>Skeletons</u> of skyscrapers rise into the sky on the right and left.' (Source: online sermon by Stephanie Höhner)			
as the property < Prop>	<pre><skyscrapers> have the relation <have> to <skeletons></skeletons></have></skyscrapers></pre>			
as the relation <rel> to of type <type></type></rel>				
plete/open) : transfer the ne table's cells	Target domain Skyscrapers have support structures are like			
al expression RW	Source domain Humans have skeletons			
ete): fill the blanks in the table, s:	Support structures and skeletons serve to keep their 'owner' upright			
o/what would normally be <a>?" /hat is actually meant by ?"	<pre></pre>			
ons (<i>are like</i>) and find a <i>tertia</i> asking:	<pre><skyscrapers> have the prop. <destroyed></destroyed></skyscrapers></pre>			
e is $\langle A_t \rangle$ like $\langle A_s \rangle$, and $\langle B_t \rangle$ like $\langle B_s \rangle$?	Concept HTE ID HTE Concept			
: add implicit or contextual	Skeletons 01.02.03.13.01.05 Skeleton			
erive conceptual metaphor	Skyscrapers 03.02.07.03.01 Types of building generally			
Irus : e.g. HTE (Kay et al. 2009)				
' A Polation P'	Conceptual metaphor:			

,	Α	Relation	B'	B	Concep
oved	skyscrapers	have	visible	support structures	SKYSCR
are	e like			are like	DESTRO
ad	humans	have	visible	skeletons	SUPPOR Tertium:



RAPERS ARE LIKE HUMANS OYED IS LIKE DEAD RT STRUCTURES ARE LIKE SKELETONS visible