## Time and Space III

Pavel Caha

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What we know so far

Paths

Figure, Ground, Spatial marker

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- ► [ FIG [ SM GROUND ] ]

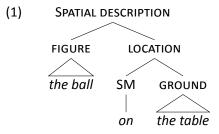
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  - start at Ground, search in a particular direction

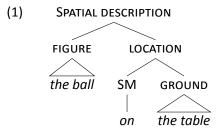
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- Two basic ways of finding the Figure:
  - start at Ground, search in a particular direction
    - Frames of reference (absolute, relative, intrinsic
  - start at Ground, look around in no particular direction, but in the general proximity of the object
    - geometry (interior), function (container)



(2) a. The cook twisted the lid off the jar.



- (2) a. The cook twisted the lid off the jar.
  - b. The cook twisted the lid off.

(3) a. Petr šel kolem fakulty.
Petr walked past the.faculty

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  - b. Petr šel kolem Petr walked by

- (3) a. Petr šel kolem fakulty.Petr walked past the faculty
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- (4) a. Petr šel od fakulty
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  - c. Petr ode-šelPetr away-walked

(5) Pachatel od-šrouboval víčko z nádrže kamionu perpetrator off-twisted lid from tank of.truck 'The perpetrator twisted the lid off the truck's tank'

- od-šrouboval víčko z nádrže kamionu (5) Pachatel perpetrator off-twisted lid from tank of truck 'The perpetrator twisted the lid off the truck's tank'
- (6) budete chtít, aby číšník vyndal zátku, nebo od-šrouboval will.you want that waiter takes.out cork or off-twisted uzávěr? lid?

'Do you want the waiter to take out a cork or twist off the lid?

- (5) Pachatel od-šrouboval víčko z nádrže kamionu perpetrator off-twisted lid from tank of.truck 'The perpetrator twisted the lid off the truck's tank'
- (6) budete chtít, aby číšník vyndal zátku, nebo od-šrouboval will.you want that waiter takes.out cork or off-twisted uzávěr? lid? 'Do you want the waiter to take out a cork or twist off the lid?
- (7) Zkazilo by vám dojem, kdyby v luxusní restauraci spoiled would for.you impression if in luxury restaurant číšník místo obřadného vytažení korku láhev waiter instead.of ceremonial pulling.out of.cork bottle od-šrouboval?

  off.twisted
  - 'Wouldn't it spoil your impression if a waiter in a luxury restaurant would simply twist off the bottle instead of ceremonially pulling out the cork?'

(8) Maminka lepí Emmě náplast **na ránu** mum glues to.Emma a.plaster on wound

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### **Summary**

- Spatial markers prototypically relate Figure and Ground
- However, there are also spatial markers that only introduce the Figure (Ground is implicit)
- Other spatial markers only introduce the Ground (Figure is implicit)

(11) Petr šel ke mně Petr walked to(wards) me

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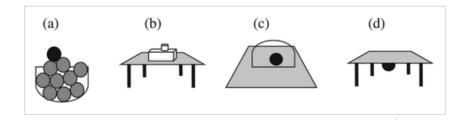
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- (14) Petr při-šel ke mně Petr to-walked to me

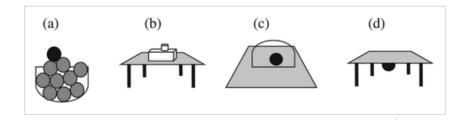
► ON: in contact with vs. support

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- (15) a. Pes **za**-lezl **za** barák the.dog behind-crawled behind the.house
  - b. Pes **za**-lezl **do** boudy the.dog behind-crawled into its.dog.house

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  - c. Pes **za**-lezl **pod** divan the.dog behind-crawled under the.table

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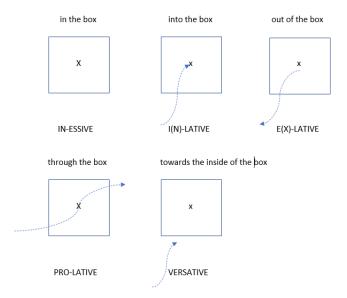
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  - Pes vy-lezl na divan the.dog up-crawled on the.sofa

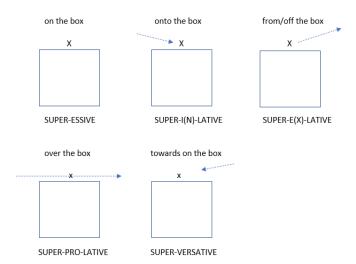
What we know so far

**Paths** 

## Paths and locations



### Paths and locations

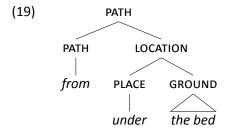


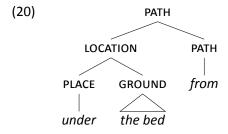
# The logical structure of path expressions

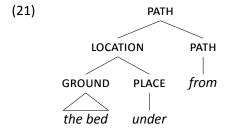
(17) the cockroach emerged from under the bed

# The logical structure of path expressions

(17)the cockroach emerged from under the bed (18)SPATIAL DESCRIPTION **FIGURE EVENT** the cockroach **PATH** emerged LOCATION PATH from **PLACE GROUND** the bed under







#### Caucasian

## The great Daghestanian case hoax

#### BERNARD COMRIE and MARIA POLINSKY

University of Southern California and University of California

The Daghestanian languages are well-known in the linguistic literature for their rich case systems. Indeed, this richness has passed beyond technical literature in linguistics. In *The Guinness Book of Records* for 1997 (Young 1997: 249), in a subsection of the general section on Language, we find the following:

Most complex language Tabassaran, a language of Daghestan . . . uses the most noun cases, 48.

In the scientific literature, perhaps the most famous reference to the Tabasaran case system is Hjelmslev (1935: 138, 139), where Tabasaran is presented as having the "empirical maximum" number of cases. Hjelmslev analyzes Tabasaran as having 52 cases, but two of these occur only on adjectives, so the number of noun cases is 50. We do not dispute that Daghestanian languages have rich case systems. What we do find questionable, however, is the high counts of the number of "cases" that are presented in both scientific and popular accounts. In order to demonstrate that

## Lezgian

Absolutive: sew the bear Ergative: sew-re the bear Genitive: sew-re-n of the bear Dative: sew-re-z to the bear

Adessive: sew-re-w at the bear
Adelative: sew-re-w-aj from the bear
Addirective: sew-re-w-di toward the bear

Postessive: sew-re-qh behind the bear
Postelative: sew-re-qh-aj from behind the bear
Postdirective: sew-re-qh-di to behind the bear

Subessive: sew-re-k under the bear
Subelative: sew-re-k-aj from under the bear
Subdirective: sew-re-k-di to under the bear

Superessive: sew-re-l on the bear Superelative: sew-re-l-aj off the bear Superdirective: sew-re-l-di onto the bear

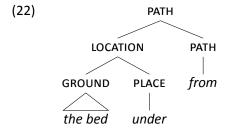
Inessive: sew-re in the bear Inelative: sew-re-aj ( sewräj) out of the bear

Indirective: -----

Table 3. Tsez local case forms: non-distal.

	essive	allative	Case ablative	versative ('towards')
'in'	-ā	-ā-r	-āy	-āyor
'among'	- <b>λ</b>	-l-er	-λ-āy	-\(\lambda\)-xor
'on (horizontal)'	-λ'(o)	-λ'o-r	-Ã'-āy	-\(\lambda'\)-\(\bar{a}\)yor, -\(\lambda'\)-\(\bar{a}\)r
'under'	-λ	-\lambda-er	-λ-āy	-Å-xot
'at'	-x(o)	-xo-r	-x-āy	-x-āyor, -x-ār
'at'	-de	-de-r	-d-āy	-d-āyor, -d-ār
'on (vertical)'	-q(o)	-qo-r	-q-ăy	-q-āyor, -q-ār

	essive	allative	Case ablative	versative ('towards')
'in'	-āz	-āz-a-r	-āz-ay	-āz-a
'among'	$-\lambda - \bar{a}z$	-λ-āz-a-r	-λ-āz-ay	-λ-āz-a
'on (horizontal)'	-λ'-āz-	-X'-āz-a-r	-X'-āz-ay	-λ'-āz-a
'under'	-\lambda-\text{\arabe}az	-\(\lambda\)-\(\bar{a}z\)-\(\ba	-λ̃-āz-ay	-λ-āz-a
'at'	-x-āz	-x-āz-a-r	-x-az-ay	-x-āz-a
'near'	-d-āz	-d-āz-a-r	-d-āz-ay	-d-āz-a
'on (vertical)'	-q-āz	-q-āz-a-r	-q-āz-ay	-q-āz-a



### Macedonian

```
кај at (the home, place, office) of, by, in the country of пеаг, to накај at, toward oткај from
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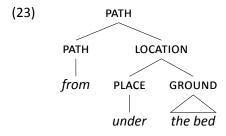
#### For example:

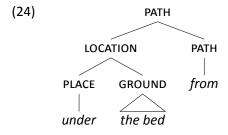
Кај\_нас во Прилеп велат вака, ама кај\_охриѓаните е подруго.

In our region, in Prilep, they say it this way, but among the people of Ohrid it's different.

Ќе фрлам со камен докајтебе. Таа тргна накај-него. Откај-градот се разнесе писок на сирени.

I'll throw the stone all the way to you. She started to his side. From the direction of the town came a screaming of sirens.





### (25) Ancient Greek

- a. [parà nus] -ìat ships- DAT'AT in the hollow ships'
- b. [par' Hēphaist] -on at Hephaistos -ACC 'TO in Hephaestos'
- c. [par' Eurút] -ou at Eurytos -GEN 'FROM in Eurytos'

(26) a. na podlaz-e on floor-LOC (static locative)

- (26) a. na podlaz-e on floor-LOC (static locative)
  - b. na podlah-u on floor-ACC (goal)

- (26) a. na podlaz-e on floor-LOC (static locative)
  - b. na podlah-uon floor-ACC (goal)

