



2009 LINGUISTIC INSTITUTE

LINGUISTIC STRUCTURE AND LANGUAGE ECOLOGIES





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**Materials accompanying some talks by
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- [LSA-6jul09-1.pdf](#)
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Compressions

Constitutive Principles

Matching and counterpart connections.

Generic space.

Blending.

Selective projection.

Emergent meaning.

Composition.

Completion.

Elaboration.

VITAL RELATIONS: INNER-SPACE AND OUTER-SPACE

Change

Identity

Time

Space

Cause-effect

Part-whole

Representation

Role

Analogy

Disanalogy

Property

Similarity

Category

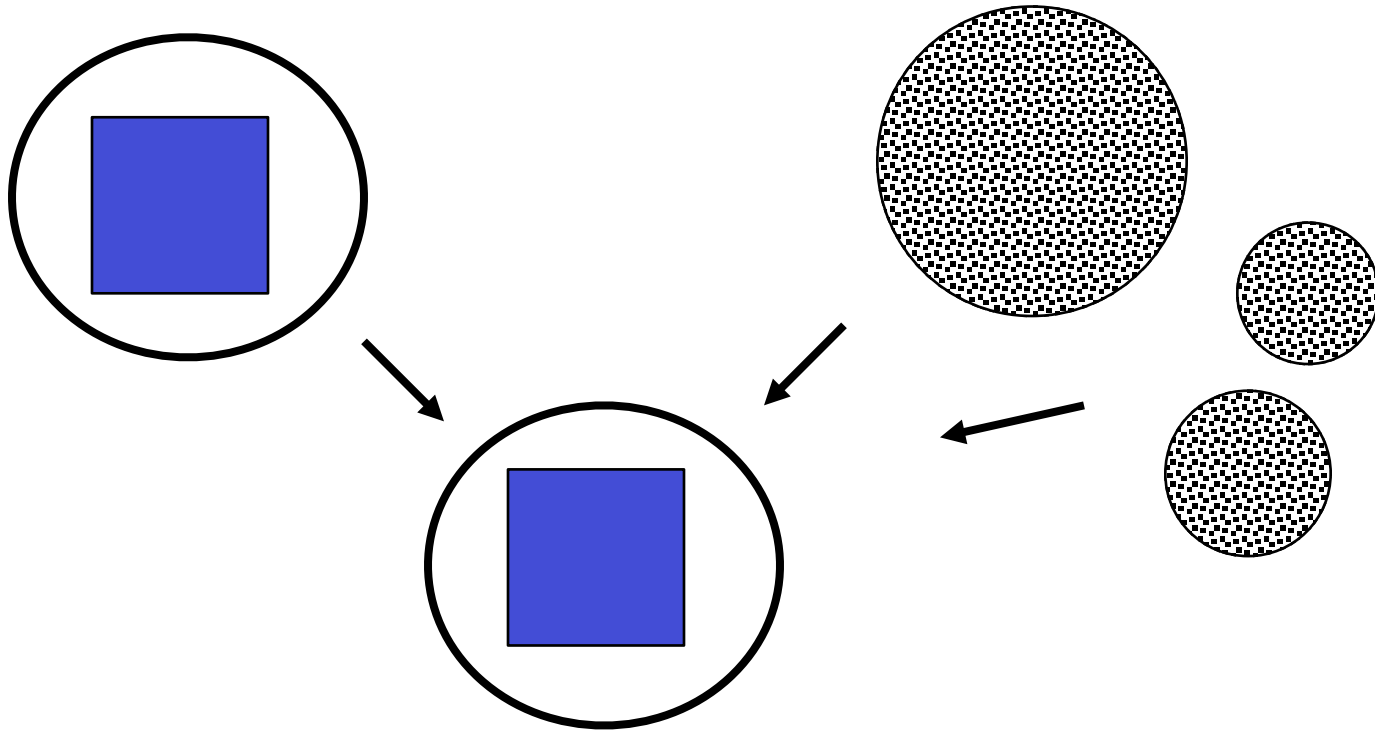
Intentionality

Uniqueness

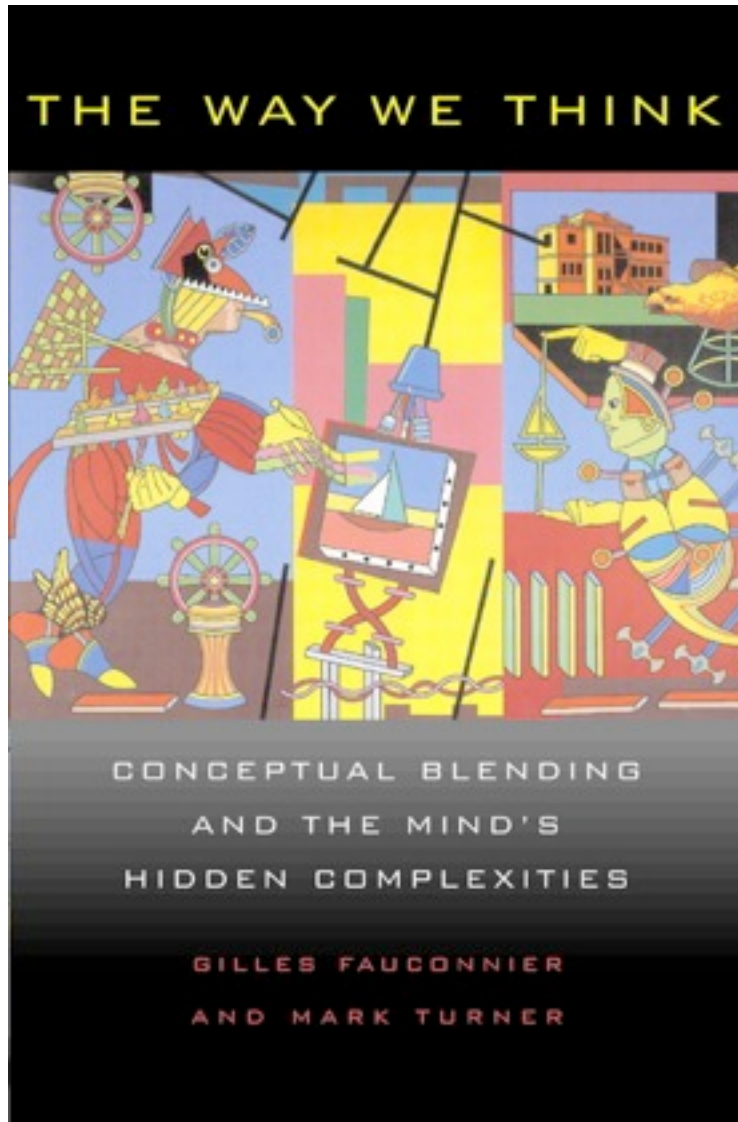
GOVERNING PRINCIPLES FOR COMPRESSION, 1

Borrowing for Compression When one input has an existing tight integration but the other one does not, the tight integration can be projected to the blend with the effect that the other input is compressed as it is projected to the blend.

Borrowing a Compression By Blending



Language as a relational system
of form-meaning pairs
(constructions) that themselves
integrate for the purpose of
prompting for the construction of
conceptual integration networks



*The Way We Think:
Conceptual Blending and
the Mind's Hidden
Complexities*

Gilles Fauconnier & Mark
Turner, Basic Books, 2002

blending.stanford.edu

Complex Grammatical Structures

- “Y of” networks like "Ann is the boss of the daughter of Max"
- Words like "safe"
- Caused motion clausal constructions
- Resultative clausal constructions like "He boiled the pan dry" and "She bled him dry"
- Ditransitive clausal constructions
- Nominal compounds like "boat house," "house boat," and "jail bait,"
- Adjective-Noun compounds like "guilty pleasures," "likely candidate," and "red ball"
- Morphological combinations in a single word like "Chunnel."

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INPUT 1

NP

agent

a

V

causal action

e

means

manner

motion

NP

object

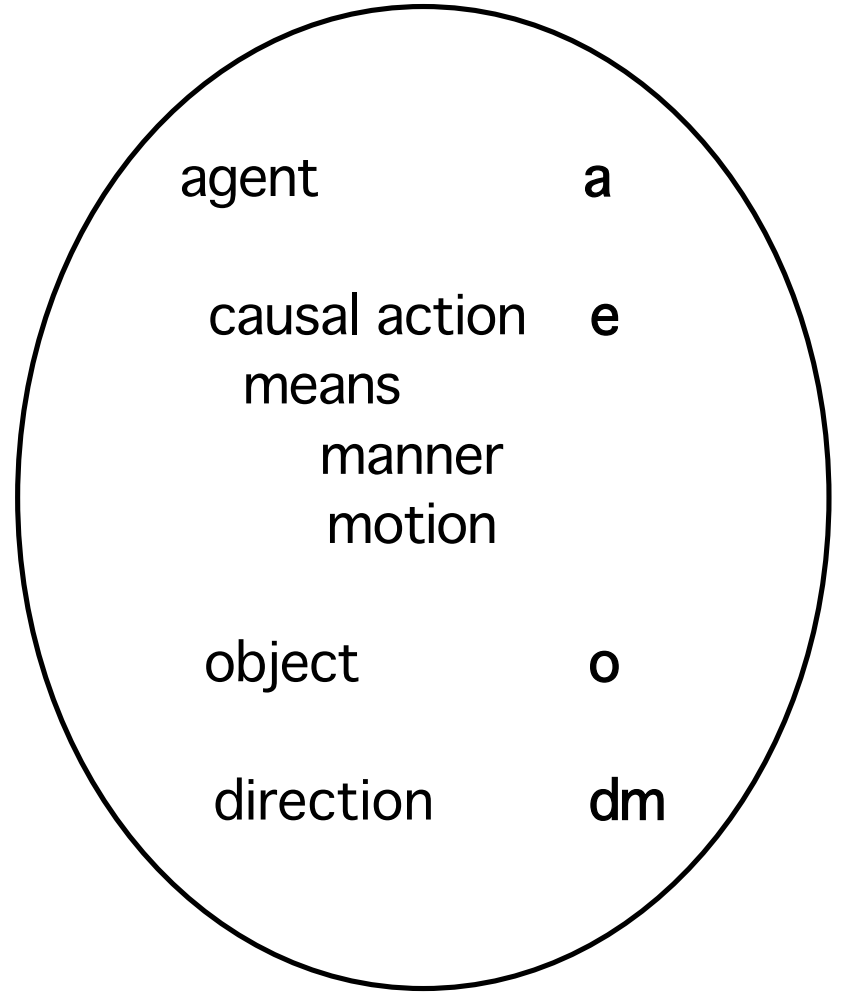
o

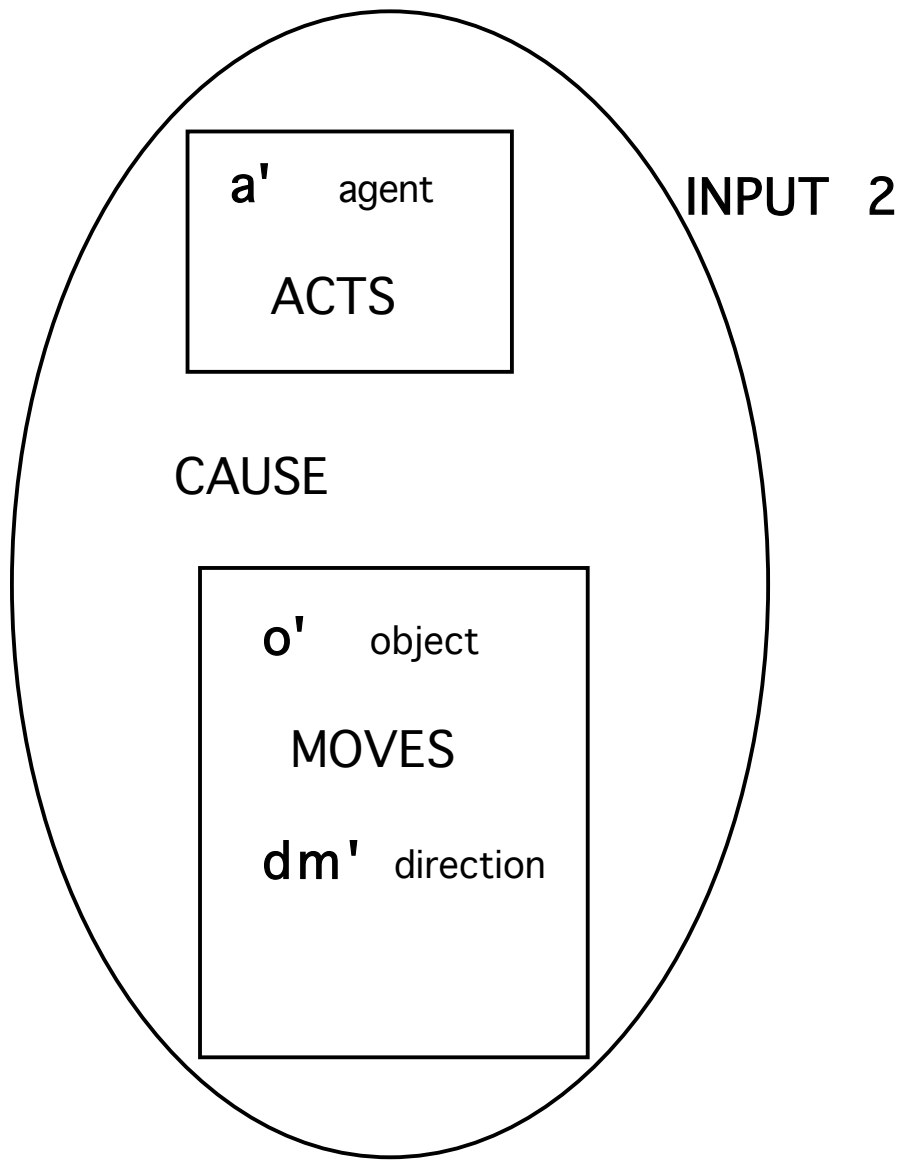
PP

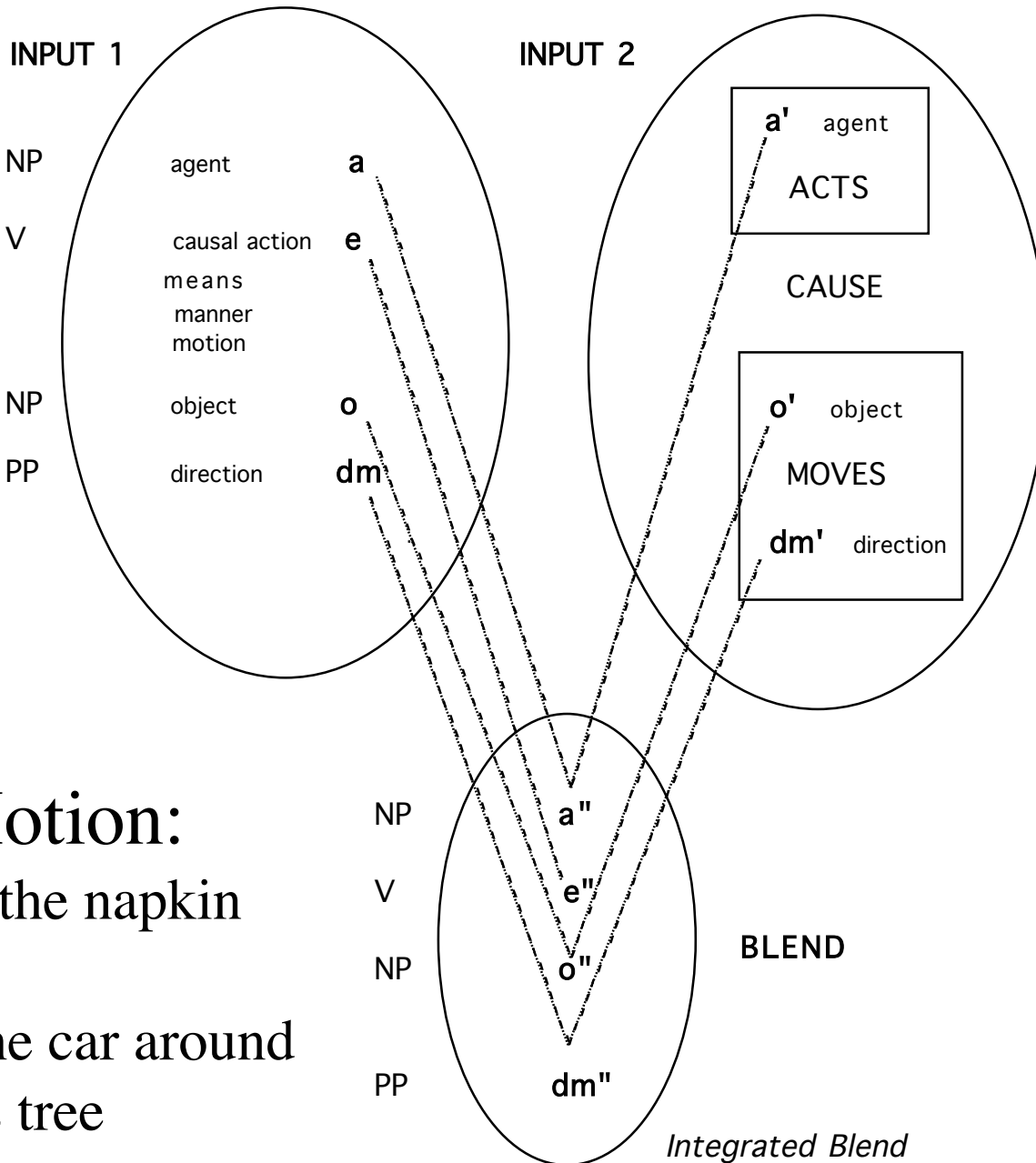
direction

dm

Caused-Motion





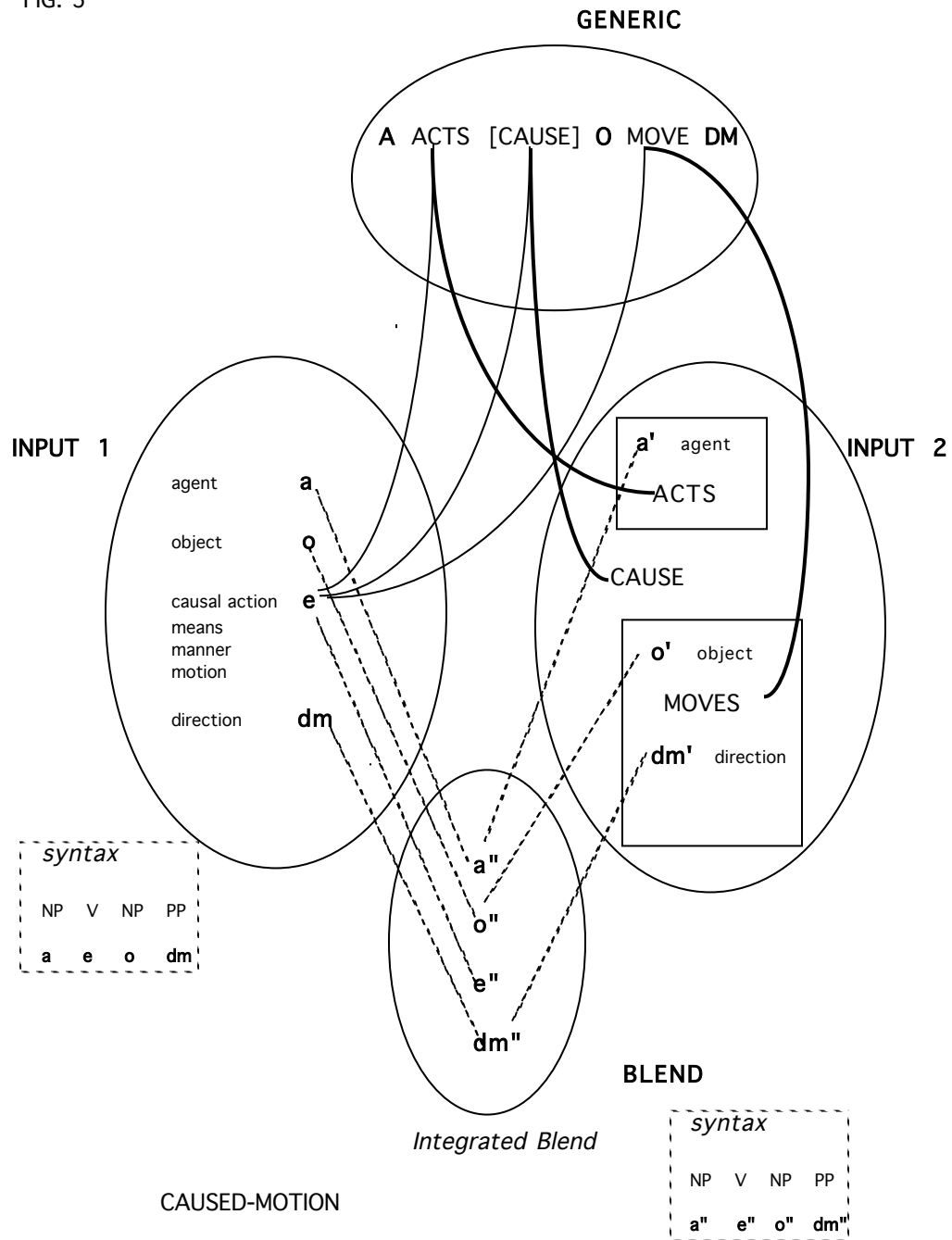


Caused-Motion:

Paul sneezed the napkin
off the table.

Junior sped the car around
the Christmas tree

FIG. 5



Integrated Blend

CAUSED-MOTION

syntax

NP	V	NP	PP
a	e	o	dm

BLEND

syntax

NP	V	NP	PP
a''	e''	o''	dm''

Caused Motion clausal construction

"I walked him into the room."

"He sneezed the napkin off the table."

"I pointed him toward the door."

"They teased him out of his senses."

"I will talk you through the procedure."

"I read him to sleep."

"They prayed the two boys home."

"I muscled the box into place."

"Hunk choked the life out of him."

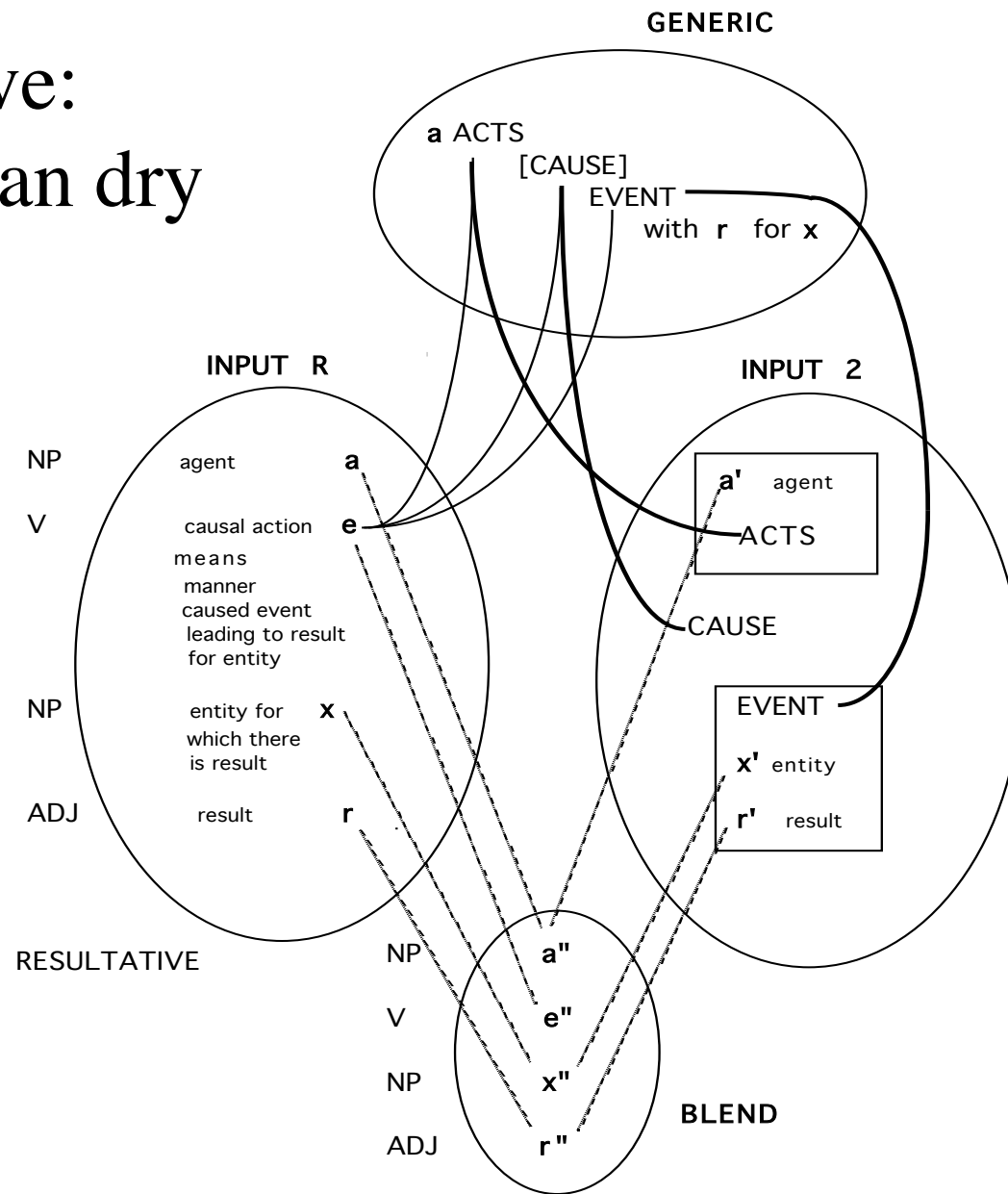
"He floated the boat to me."

But also: "We blocked him from the door."

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Resultative: I boiled the pan dry



Resultative clausal construction

Catherine painted the wall white.

She kissed him unconscious.

Last night's meal made me sick.

He hammered it flat.

I boiled the pan dry.

The earthquake shook the building apart.

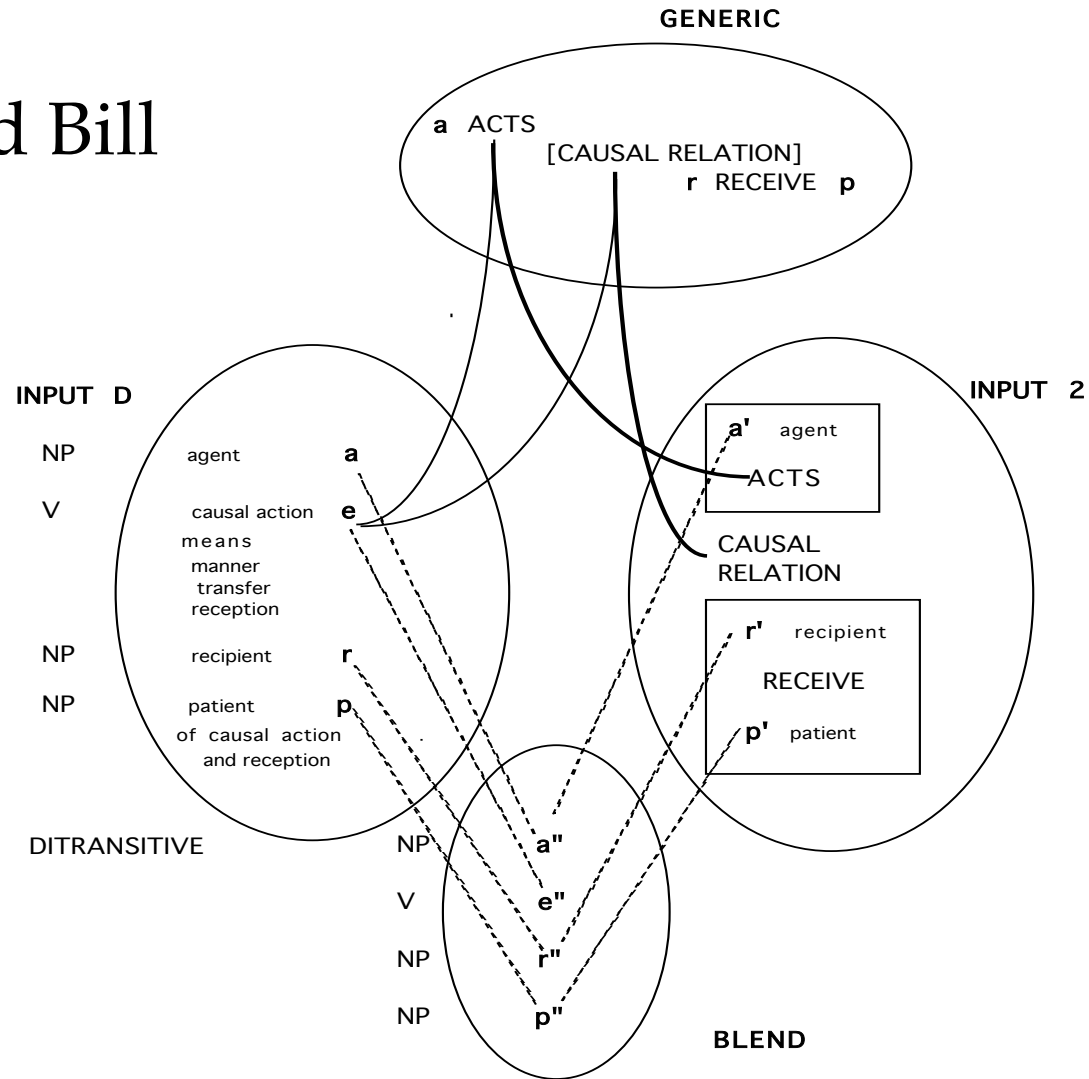
Roman imperialism made Latin universal.

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- Resultative clausal constructions like "He boiled the pan dry" and "She bled him dry"
- **Ditransitive clausal constructions**
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Ditransitive:

“Mary poured Bill
some wine”



Ditransitive clausal construction

Paul handed her the book.

Paul made him a house.

She granted him his wish.

She gave him that premise.

She allowed him that privilege.

She won him a prize.

She bequeathed him a farm.

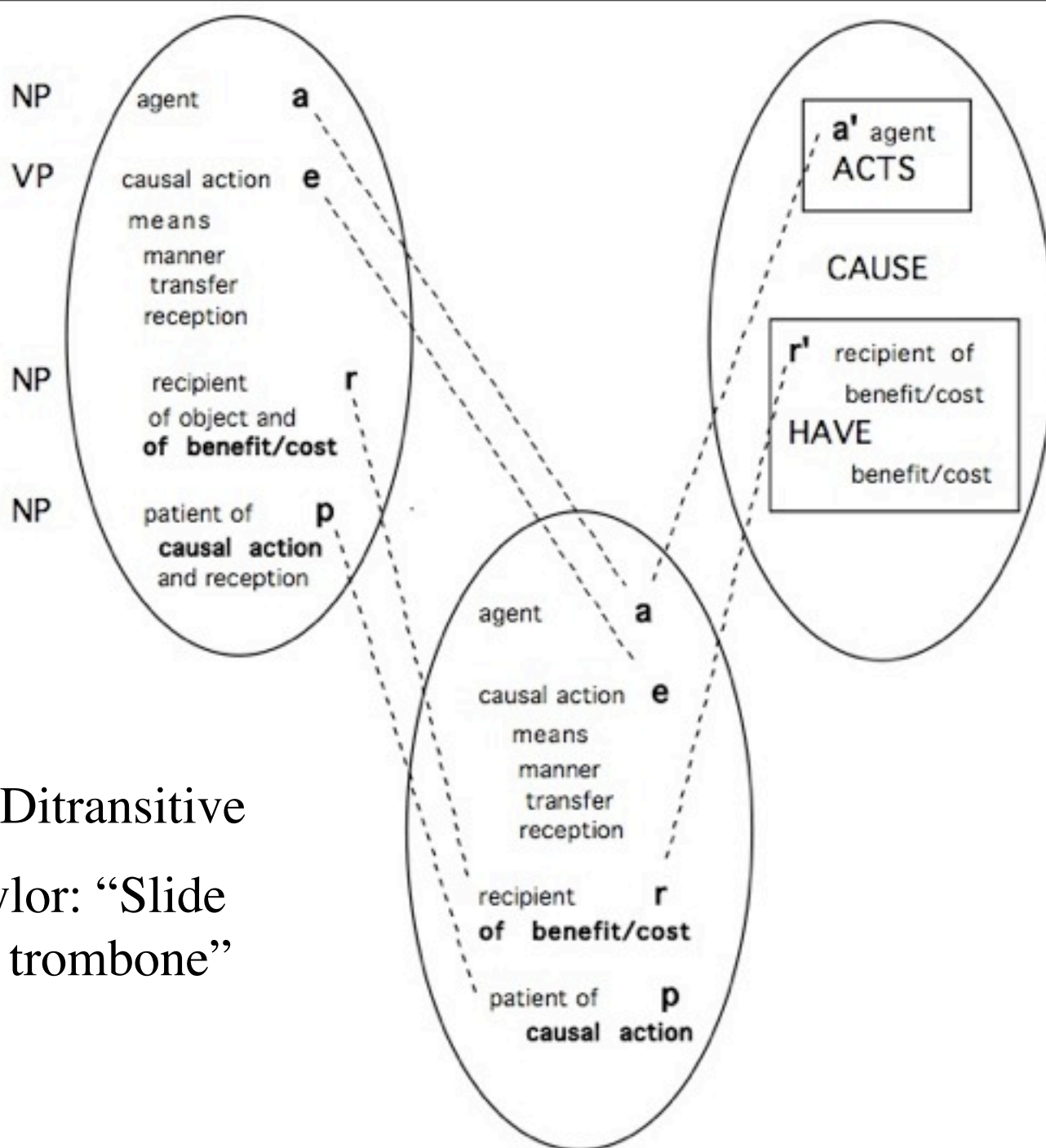
She gave him a headache.

She showed me the view.

She told me a story.

She denied him the job.

She refused him that courtesy.



Elaborate Ditransitive

James Taylor: “Slide me a bass trombone”



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LSA 119

Mental spaces and conceptual blending

Gilles Fauconnier & Mark Turner

155 Donner Lab

MW 10:30-12:15

<http://blending.stanford.edu>

<http://marktturner.org>

<http://cogsci.ucsd.edu/~faucon>

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