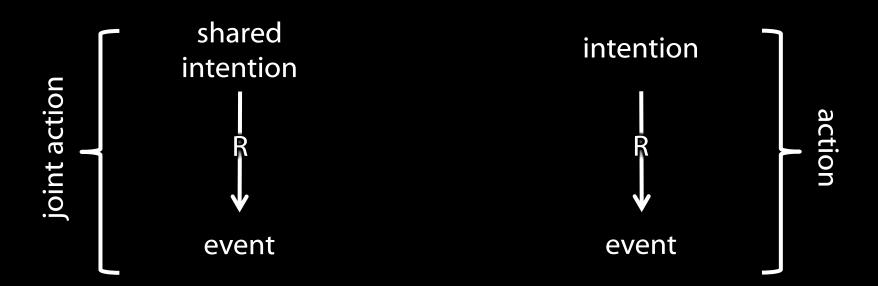
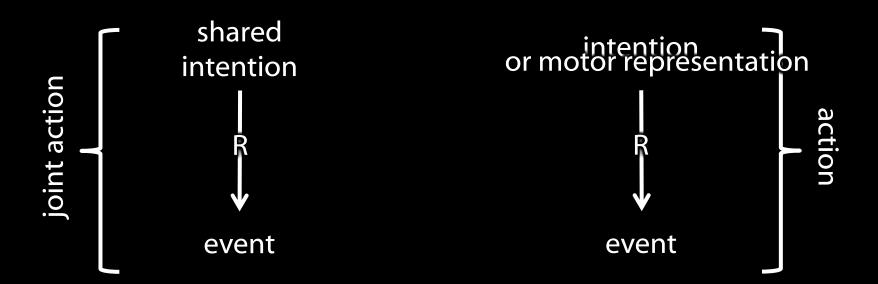


Which events are joint actions?



Which events are joint actions?



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premise:
Some joint actions are facilitated by reciprocal, agent-neutral motor representations of outcomes whose obtaining would normally involve action on the part of each agent
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agent-neutral
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motor representations of outcomes

whose obtaining would normally involve action on the part of each agent

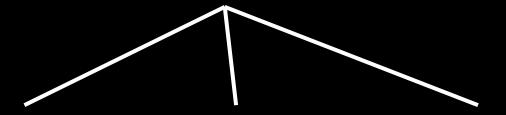
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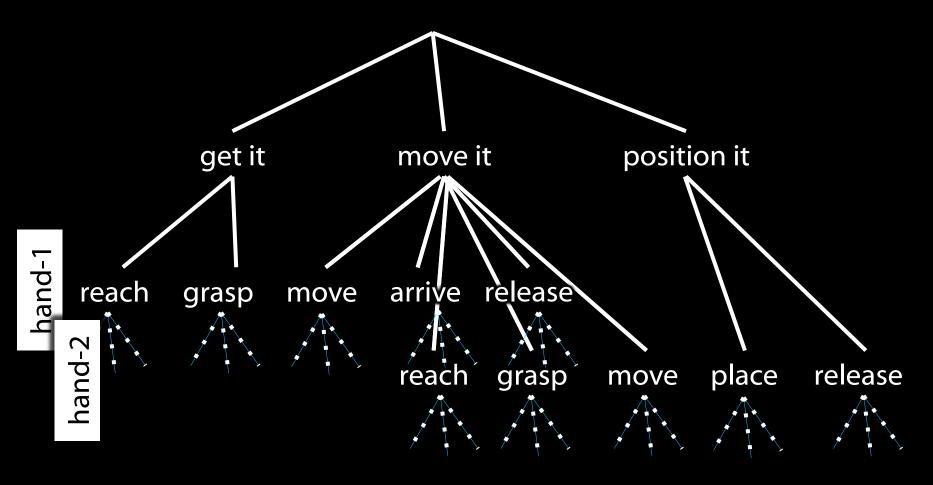
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premise:
Some joint actions are facilitated by reciprocal, agent-neutral motor representations of outcomes
whose obtaining would normally involve action on the part of each agent
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How could social motor representation facilitate any joint action?

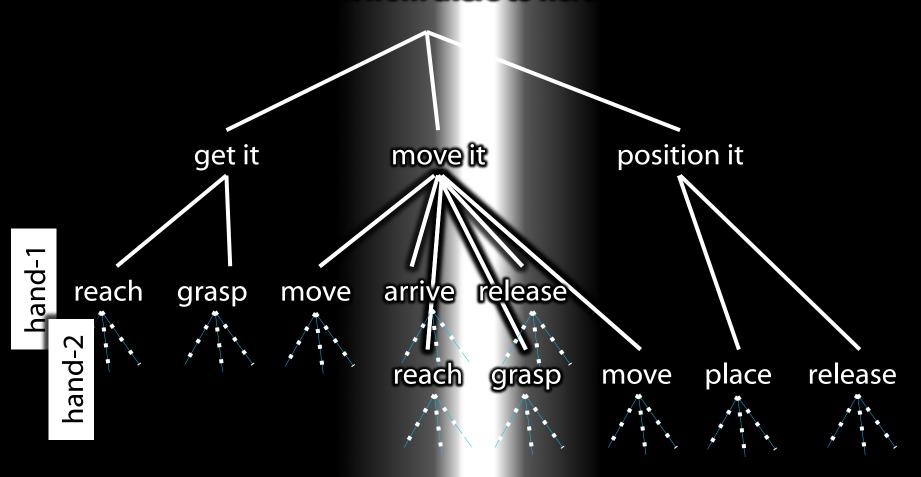
Move it from there to here

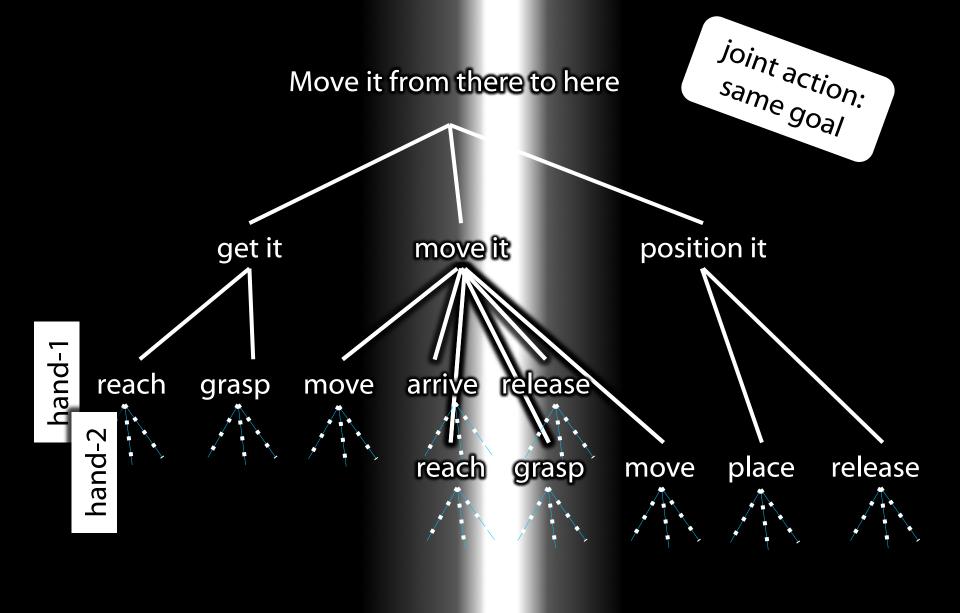


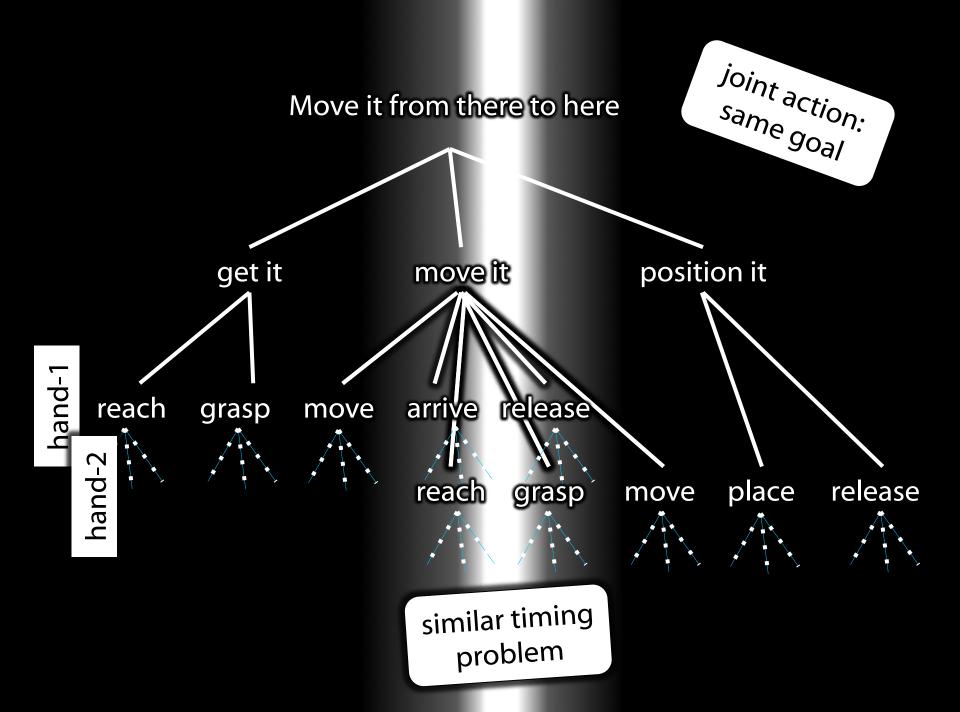
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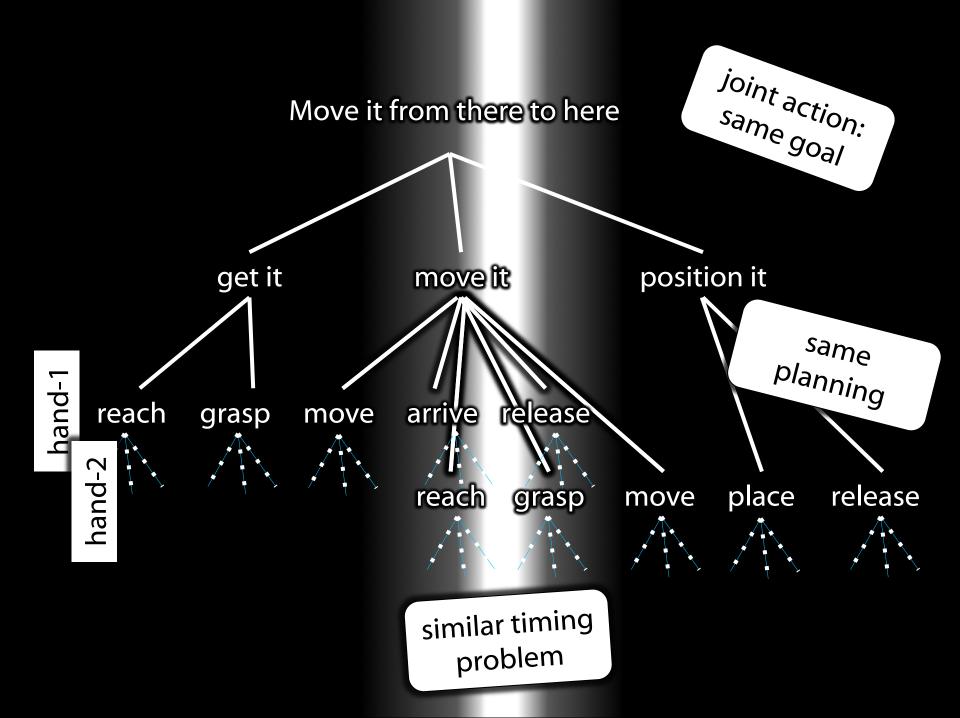


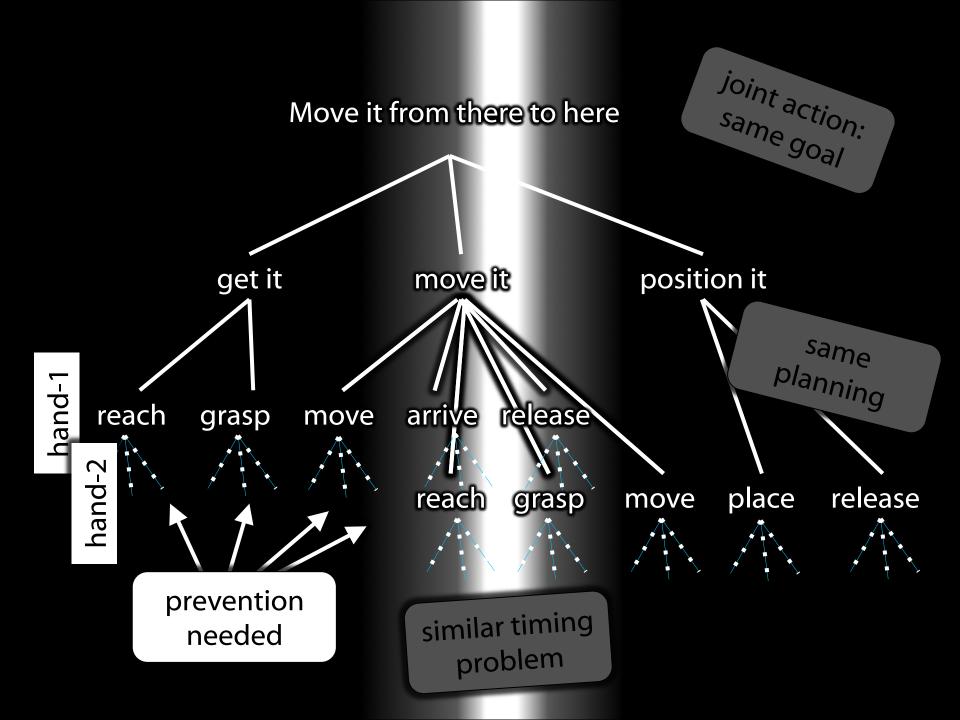
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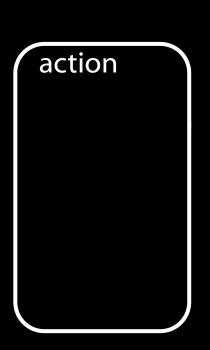


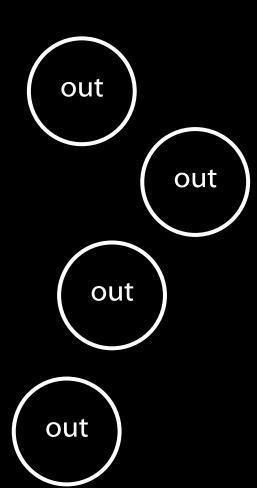
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premise:
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```

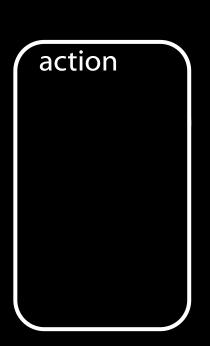
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Some joint actions are facilitated by reciprocal, agent-neutral motor representations of outcomes whose obtaining would normally involve action on the part of each agent

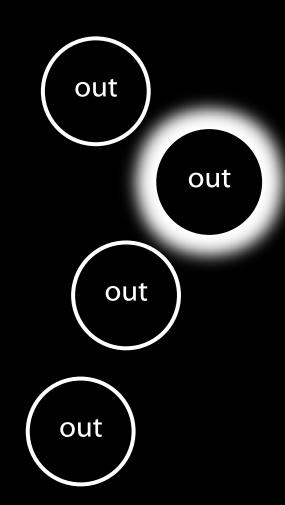
question:
Does reciprocal agentneutral motor
representation also play a
role in explaining what
joint action is? [Yes]

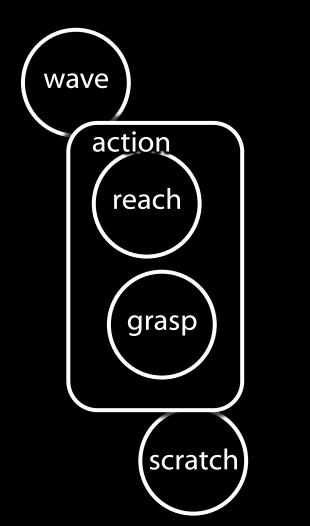
challenge:
How could social motor
representation and
shared intention
harmoniously contribute
to joint action?

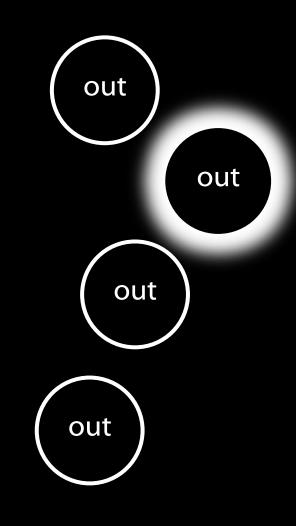


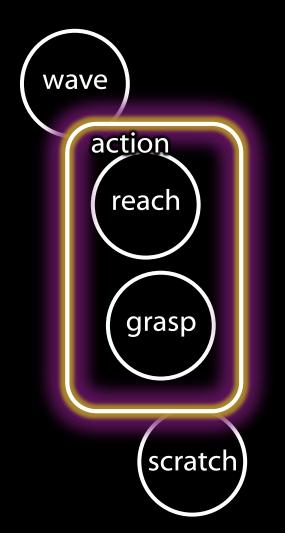


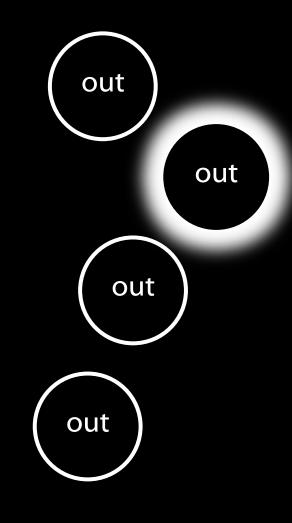


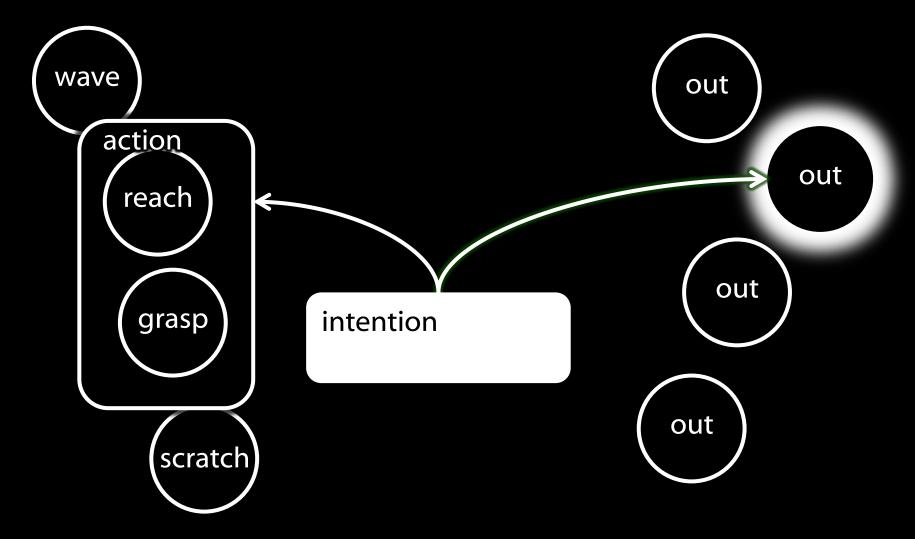


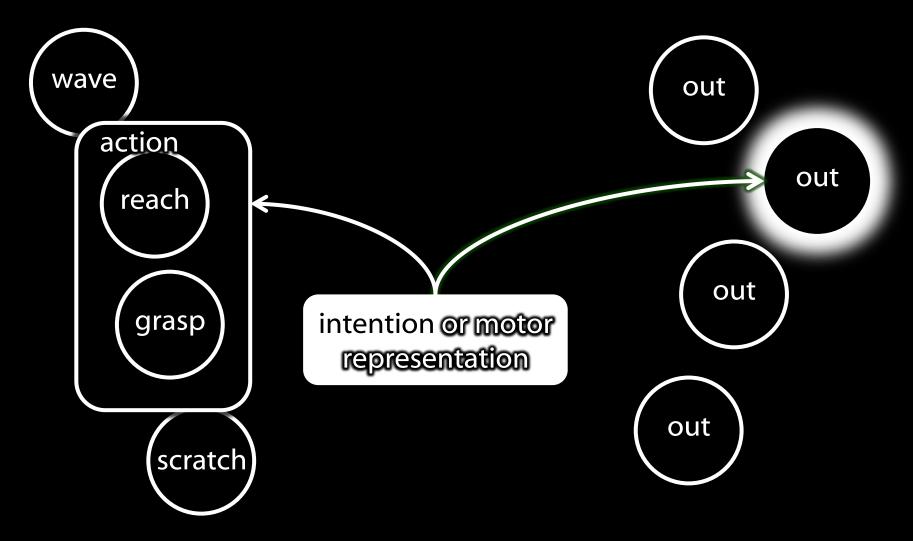


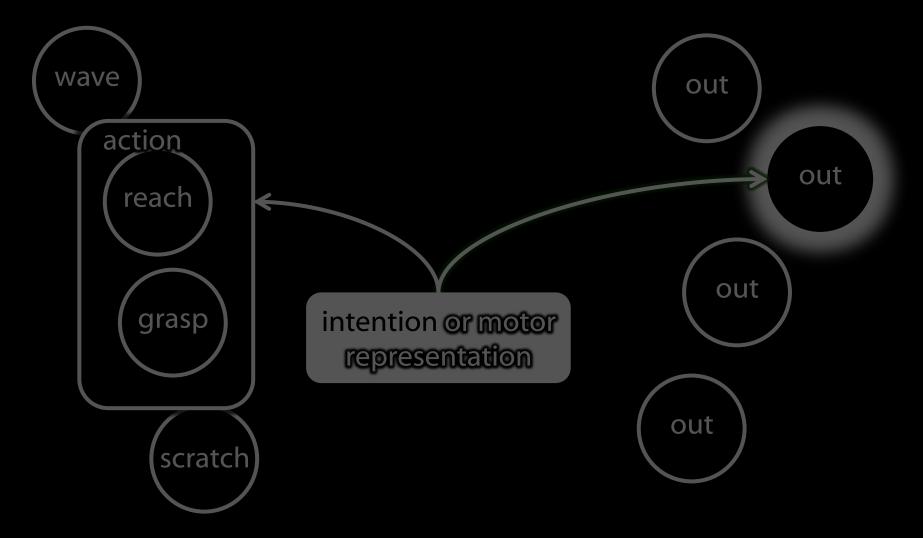


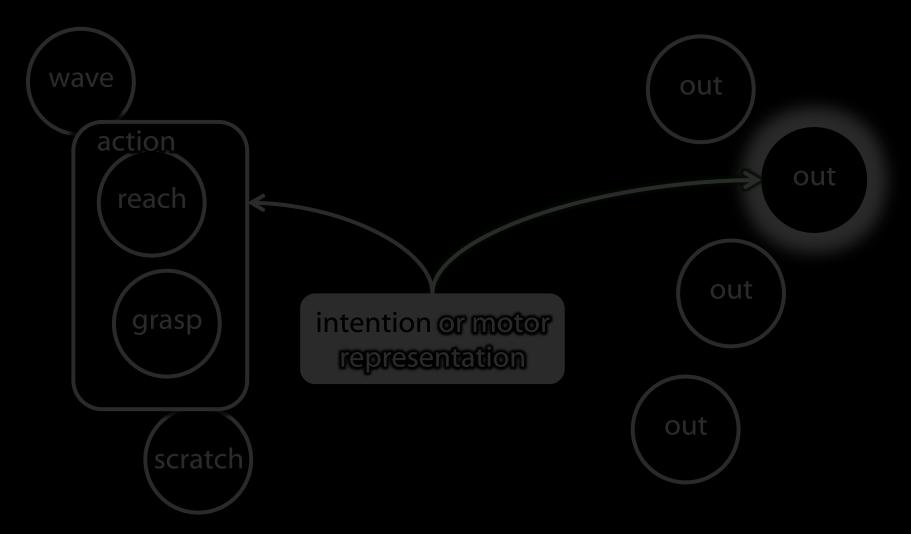




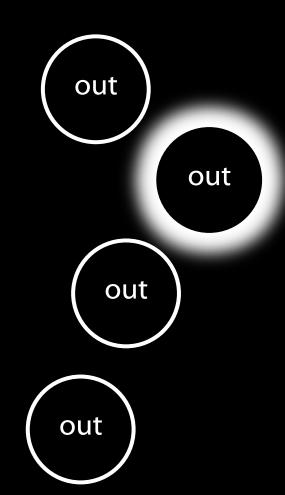


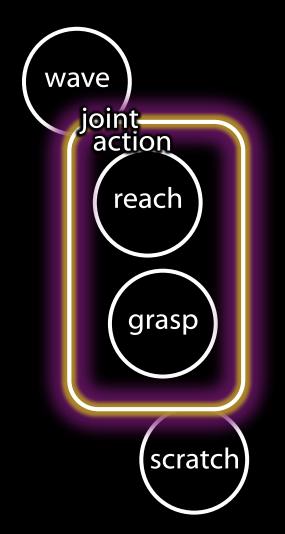


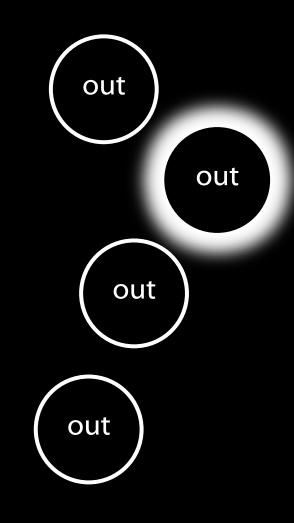


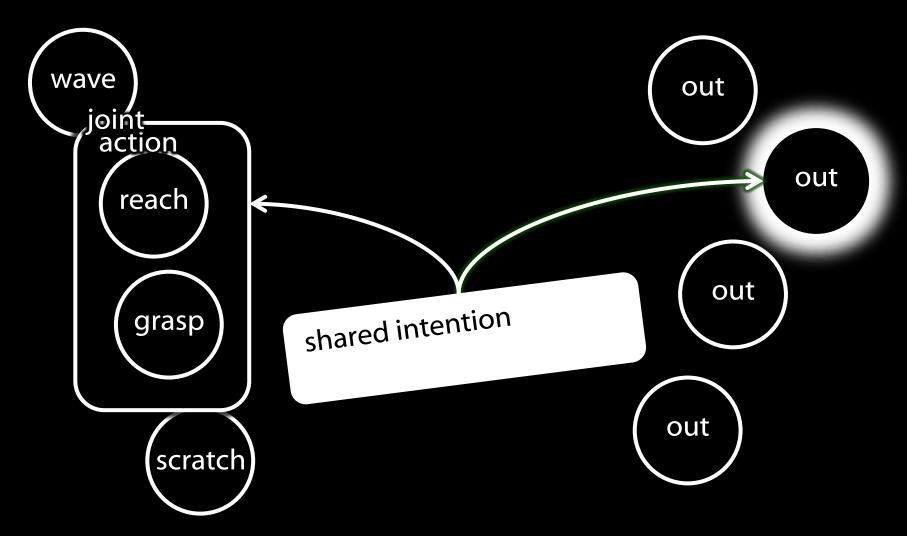


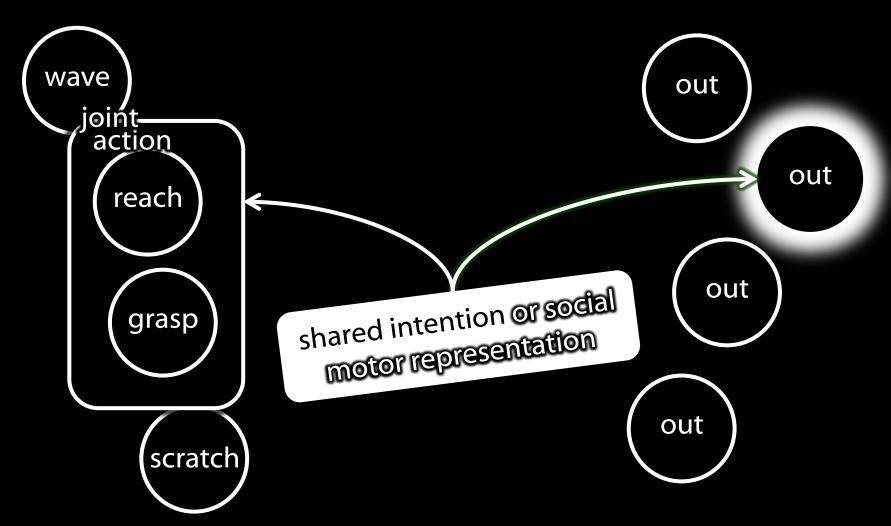


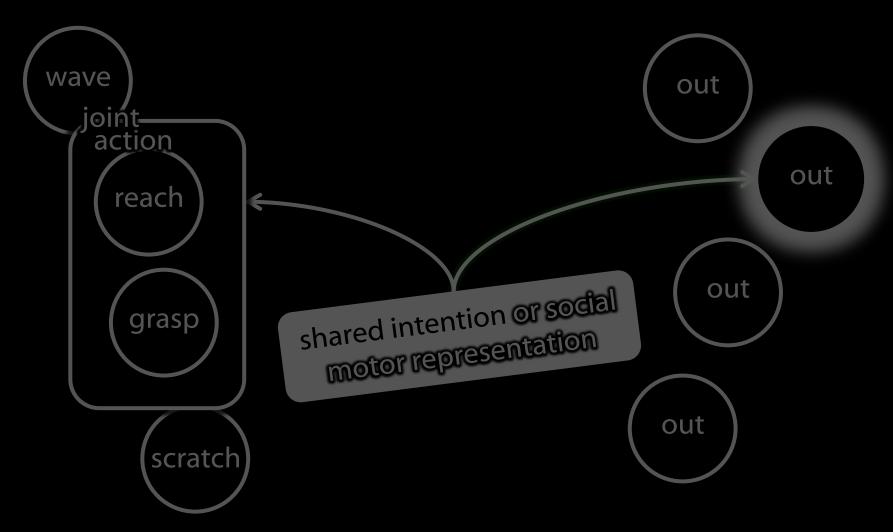














We have a shared intention that we J if

- "1. (a) I intend that we J and (b) you intend that we J
- "2.I intend that we J in accordance with and because of la, lb, and meshing subplans of la and lb; you intend [likewise] ...
- "3.1 and 2 are common knowledge between us"
 (Bratman 1993: View 4)

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Sufficient conditions

We have a shared intention that we J if

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(Bratman 1993: View 4)

Reciprocal agent-neutral motor representation enables some joint actions

question:

Does reciprocal agentneutral motor representation also play a role in explaining what joint action is? [Yes]

challenge:

How could social motor representation and shared intention harmoniously contribute to joint action?

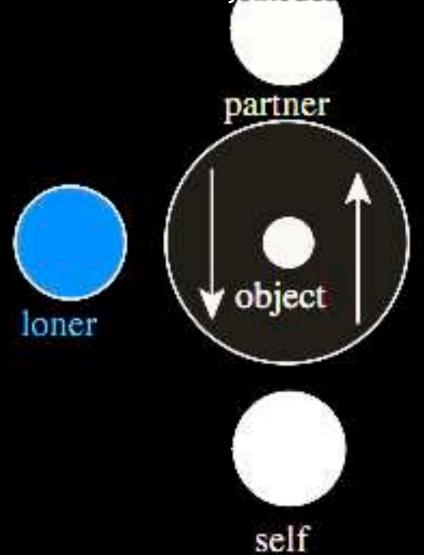


Reciprocal agent-neutral motor representation enables some joint actions

"Simulation of another person's action, as reflected in the activation of motor cortices, gets stronger the more the other is perceived as an interaction partner."

--- Kourtis, Sebanz & Knoblich (2010, p. 4)

Reciprocal agent-neutral motor representation enables some joint actions



Kourtis, Sebanz & Knoblich (2010)

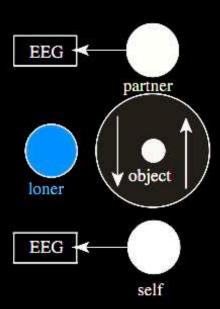
premise: Reciprocal agent-neutral motor representation enables some joint actions EEG partner object loner EEG

self

Kourtis, Sebanz & Knoblich (2010)

Reciprocal agent-neutral motor representation enables some joint actions

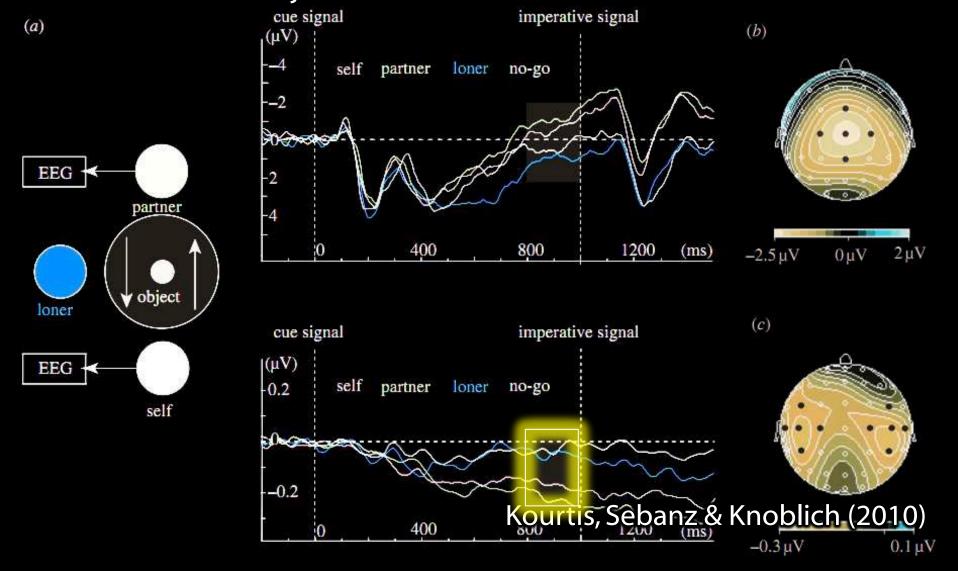
(a)



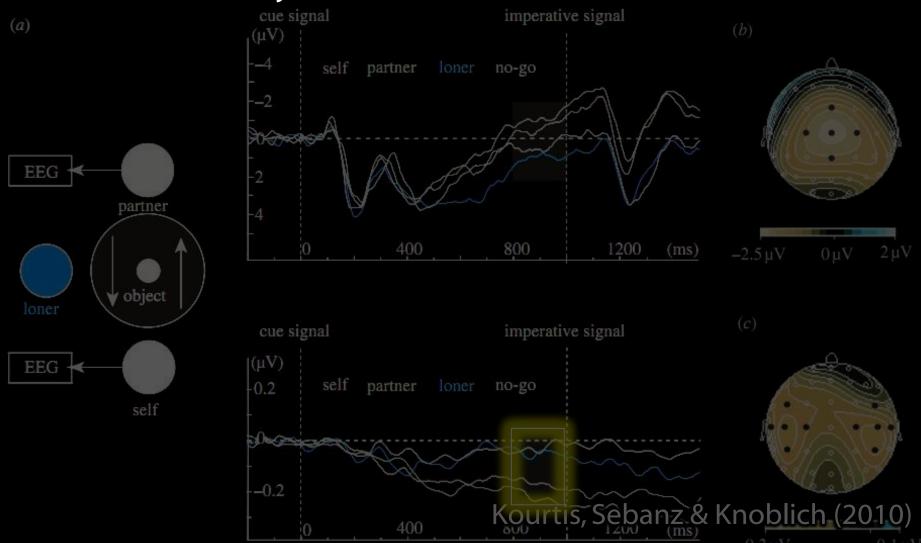
premise:
Reciprocal agent-neutral motor representation enables some joint actions



premise: Reciprocal agent-neutral motor representation enables some joint actions



premise: Reciprocal agent-neutral motor representation enables some joint actions

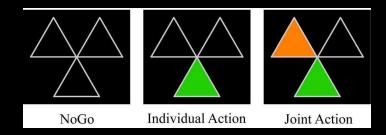


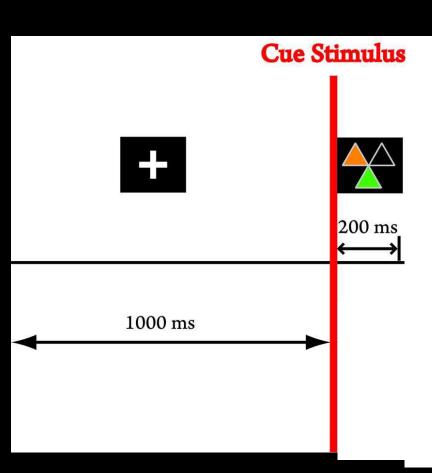
Kourtis et al., subm.



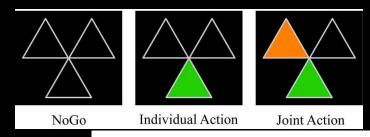


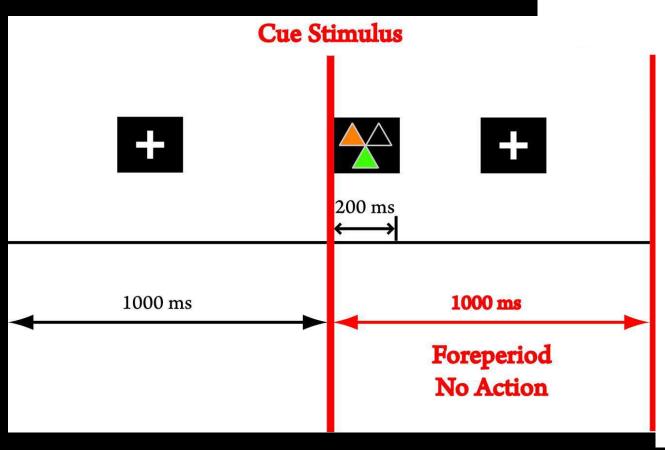
Joint Planning Kourtis et al., subm.



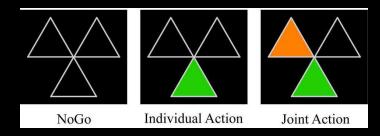


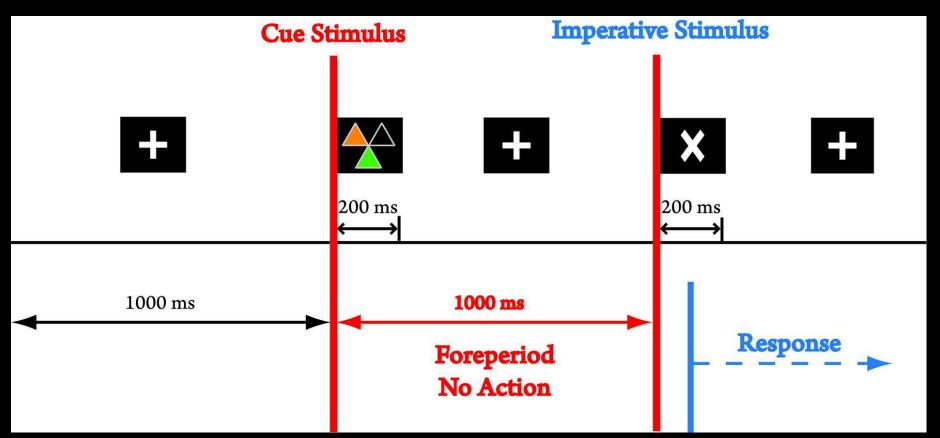
Joint Planning Kourtis et al., subm.





Joint Planning Kourts et al., subm.





Kourtis et al., subm.

