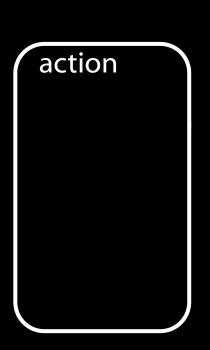
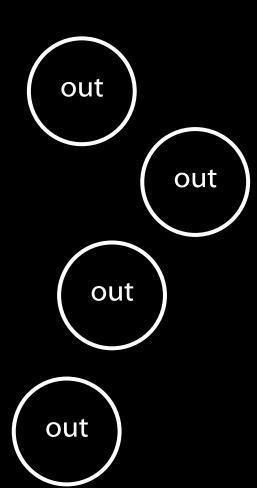
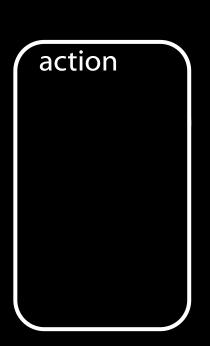
Intention and Motor Representation in Action Explanation

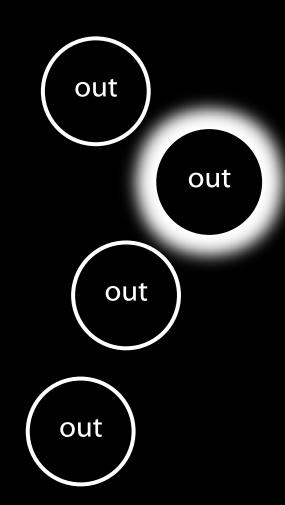
s.butterfill@warwick.ac.uk corrado.sinigaglia@unimi.it

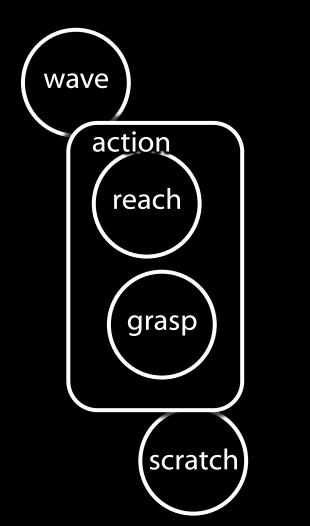


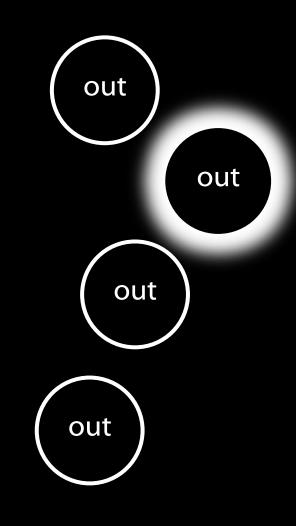


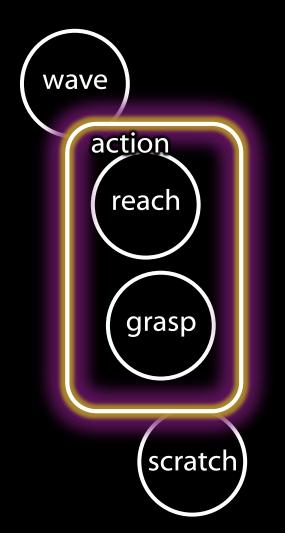


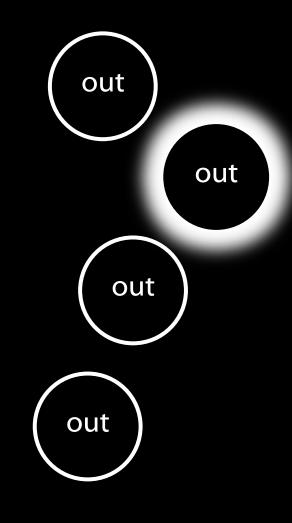


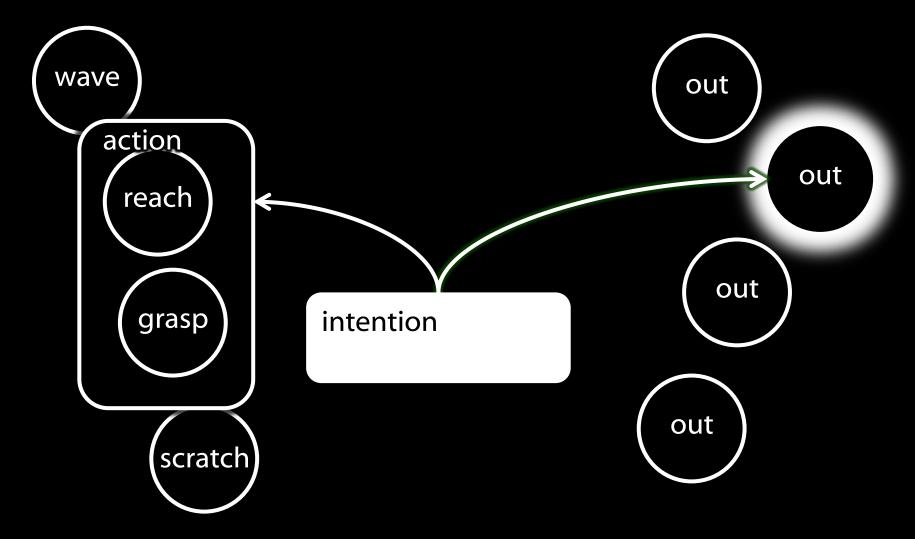


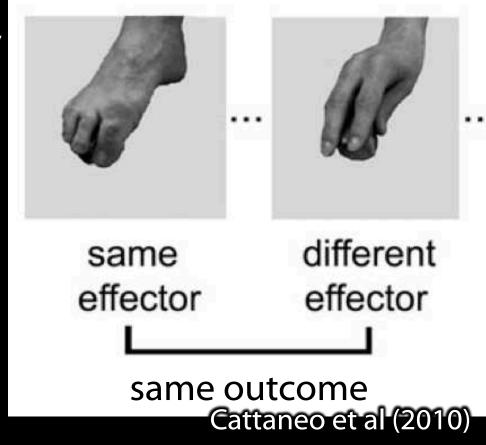


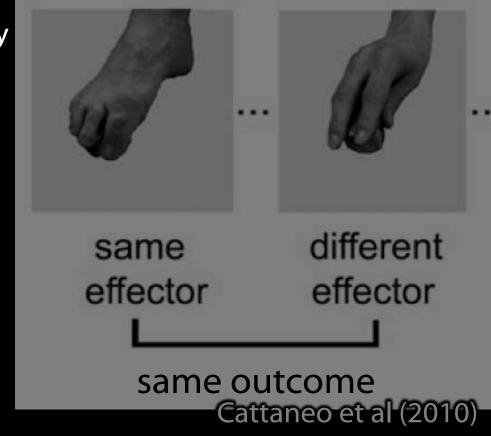












Villiger et al (2010)













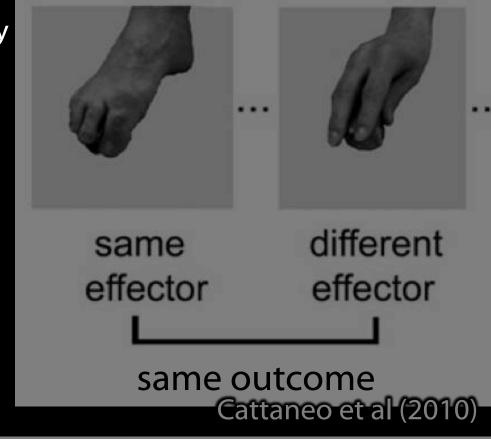


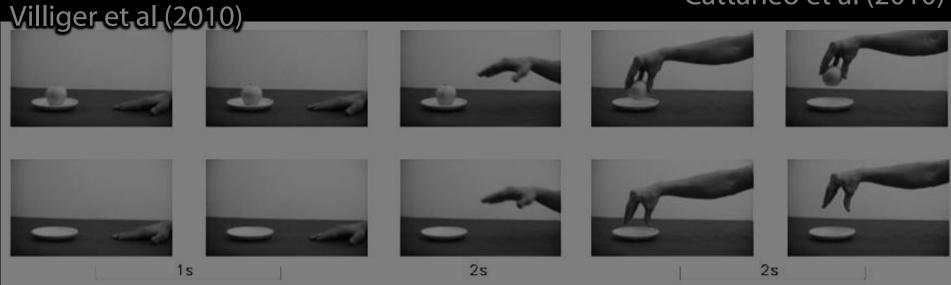






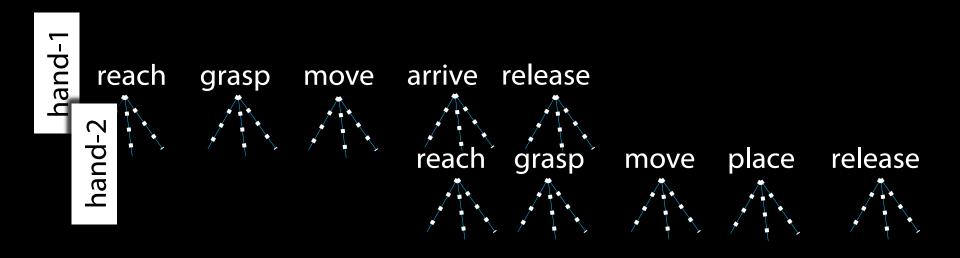
25



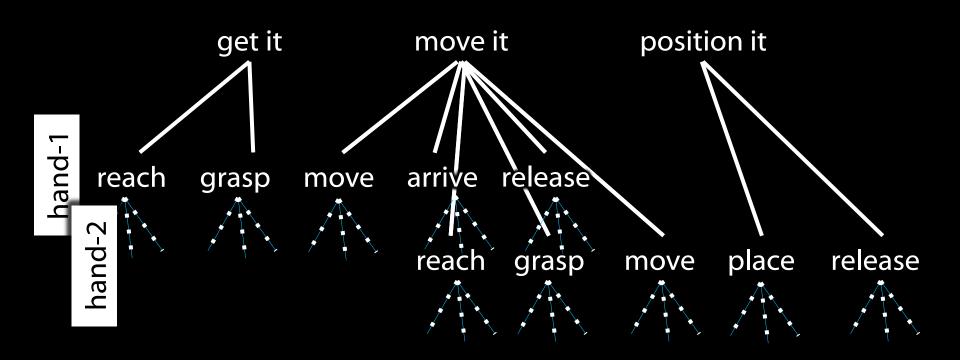


Information about outcomes guides planning.

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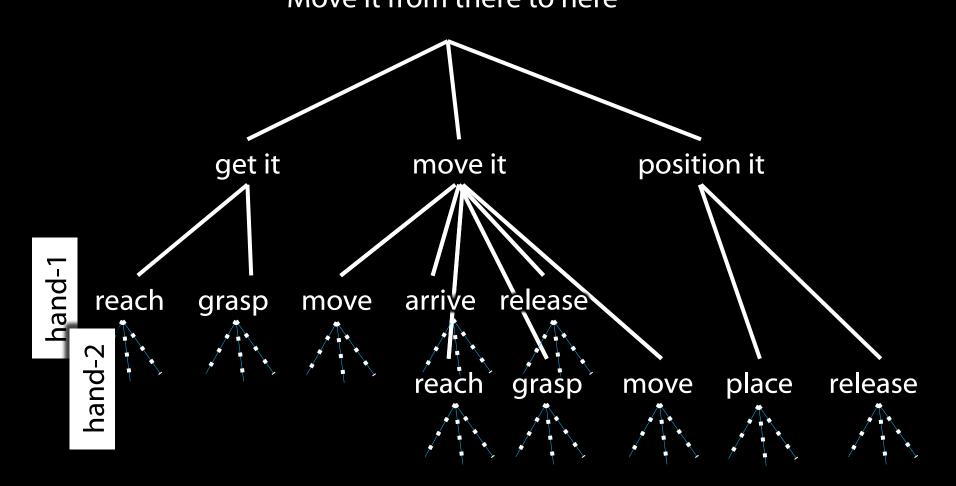


Information about outcomes guides planning.



Information about outcomes guides planning.

Move it from there to here



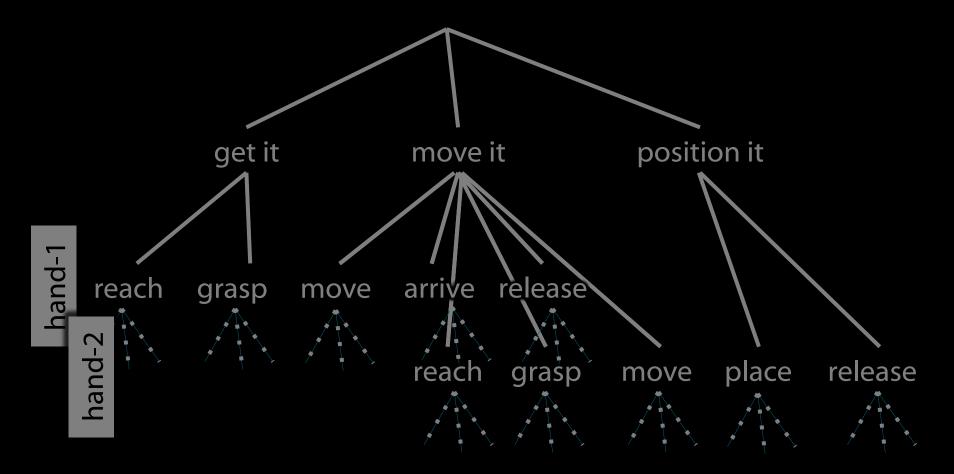
Information about outcomes guides planning.

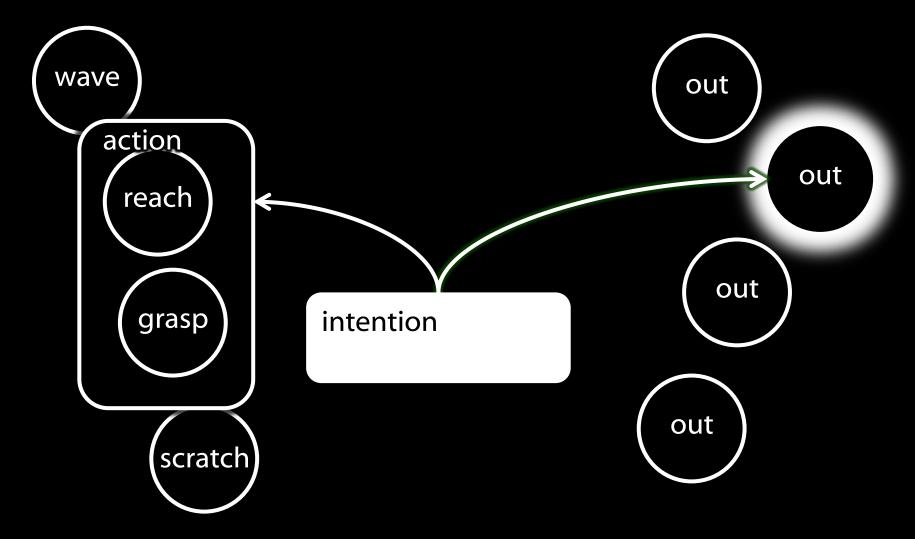
Move it from there to here get it position it move it hand-1 reach arrive release grasp move release place reach grasp move

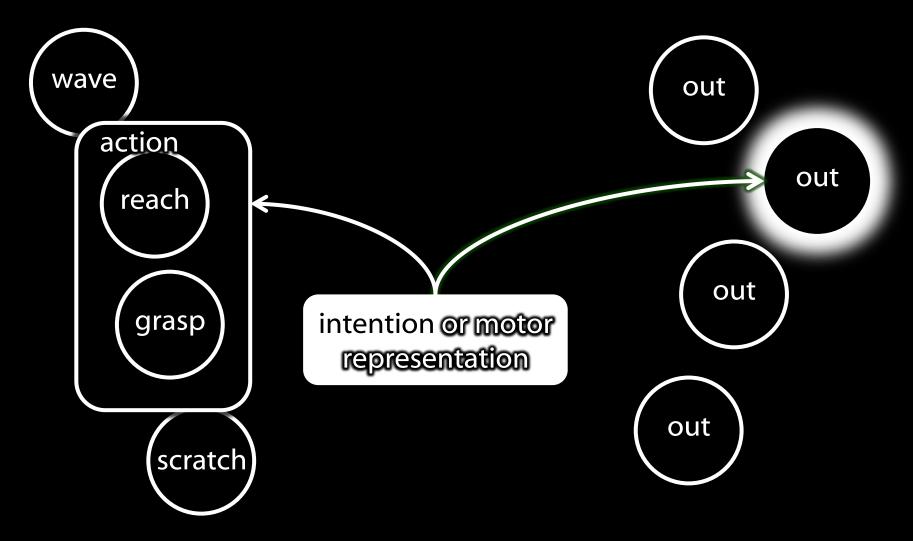
Information about outcomes guides planning.

Some motor representations represent outcomes

Move it from there to here







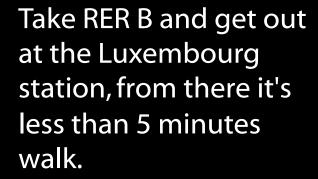
motor representation = intention? No!

< different content >





Head southeast on Rue Cujas toward Rue Victor Cousin. Turn right onto Rue Saint-Jacques....



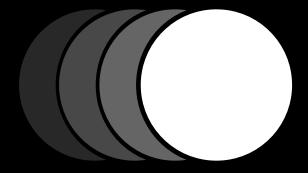




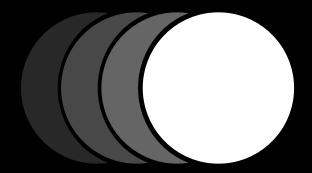
Head southeast on Rue Cujas toward Rue Victor Cousin. Turn right onto Rue Saint-Jacques....



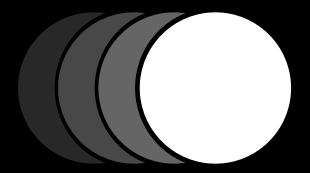
imagine actually seeing seeing











Any two intentions can be inferentially integrated in practical reasoning.

My intention that I visit Paris on Friday is a propositional attitude.

Any two intentions can be inferentially integrated in practical reasoning.

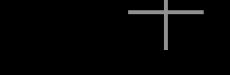
My intention that I visit Paris on Friday is a propositional attitude.

All intentions are propositional attitudes.

Any two intentions can be inferentially integrated in practical reasoning.

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No motor representations are propositional attitudes.

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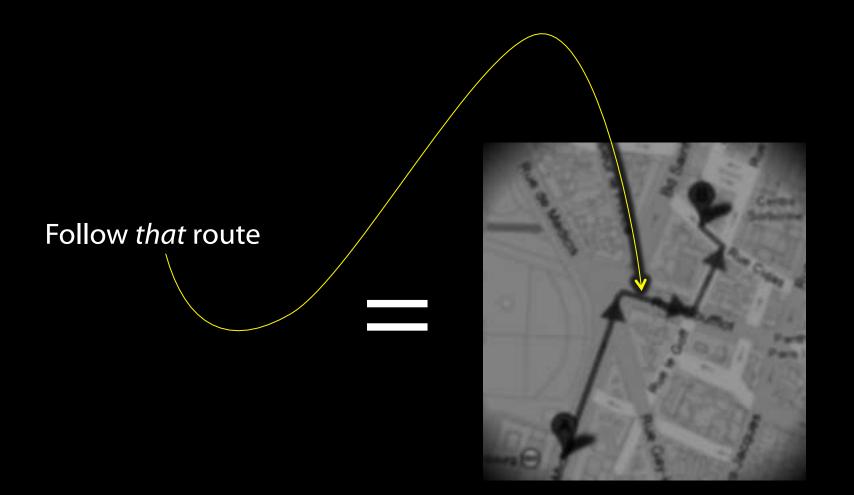
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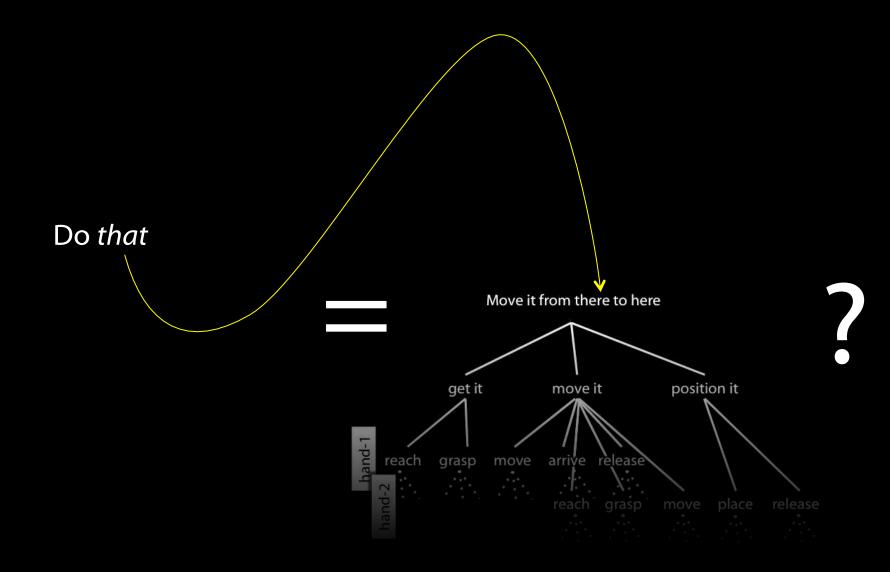
Head southeast on Rue Cujas toward Rue Victor Cousin. Turn right onto Rue Saint-Jacques....

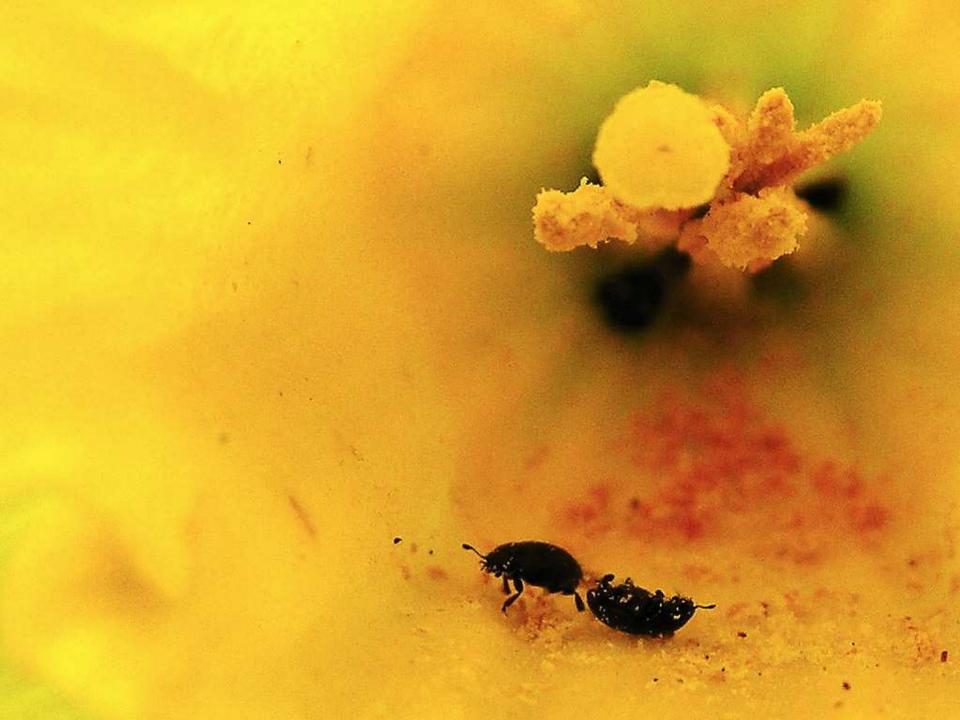


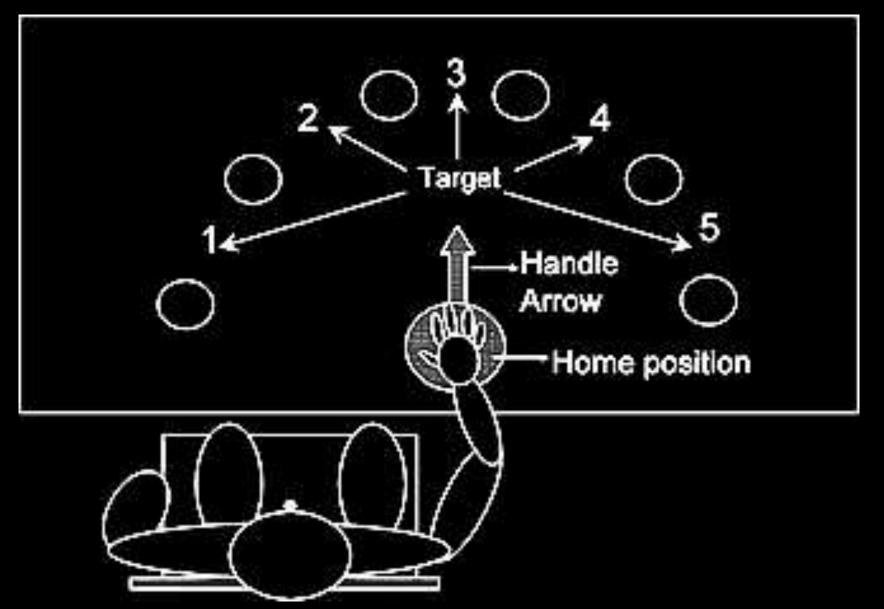
Follow that route



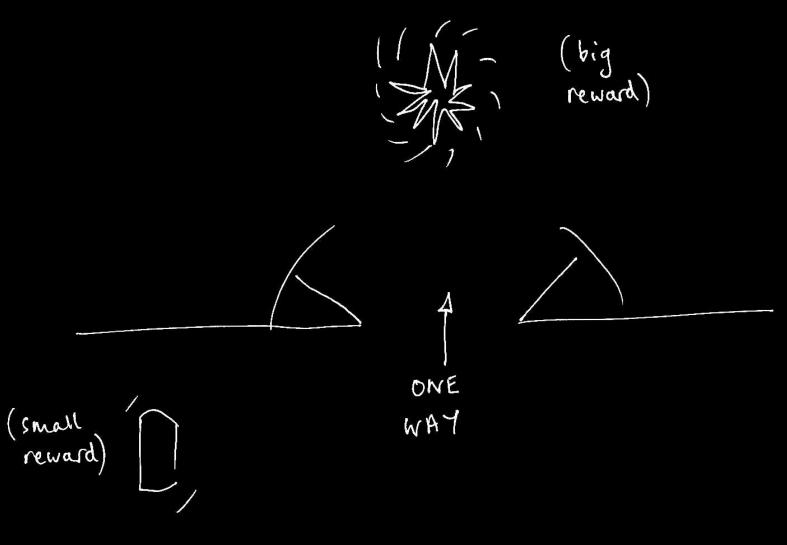








(Zhang and Rosenbaum 2007)



x start here