

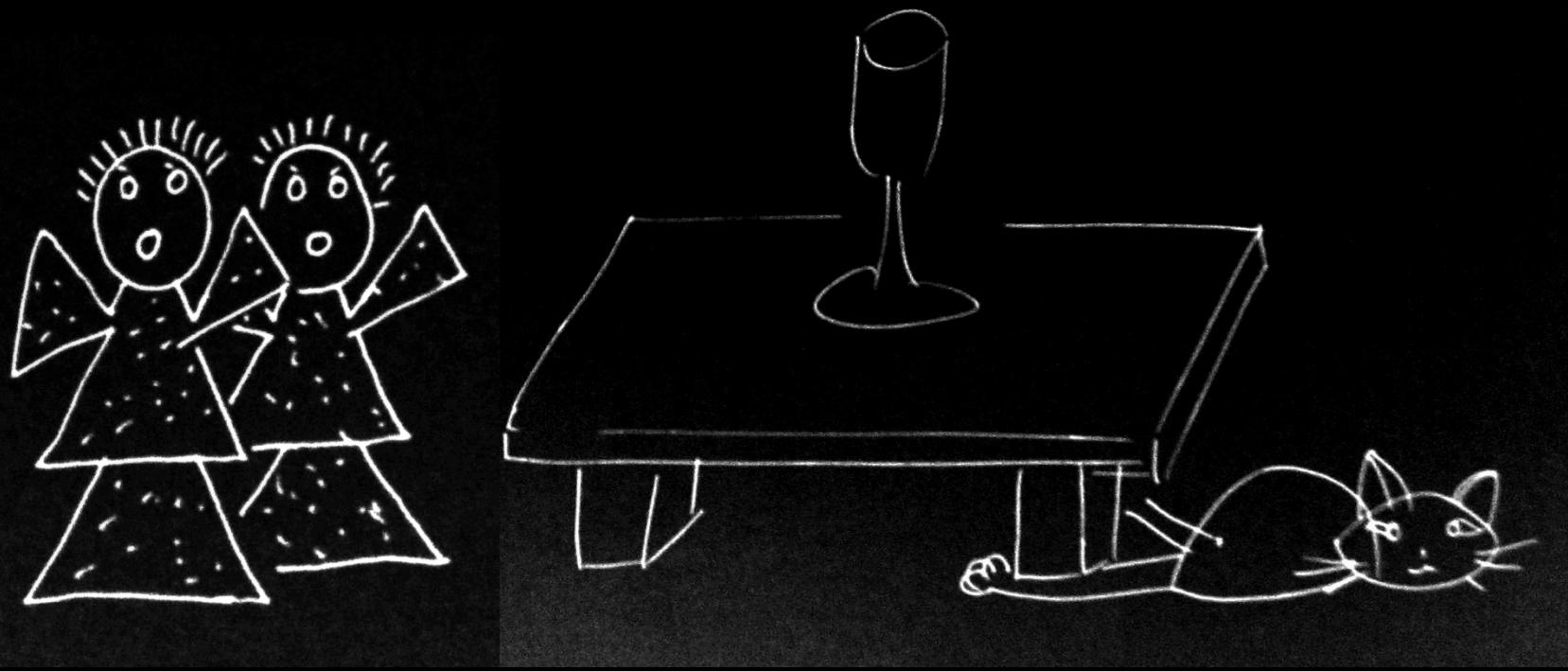
Joint Action without Shared Intention

s.butterfill@warwick.ac.uk

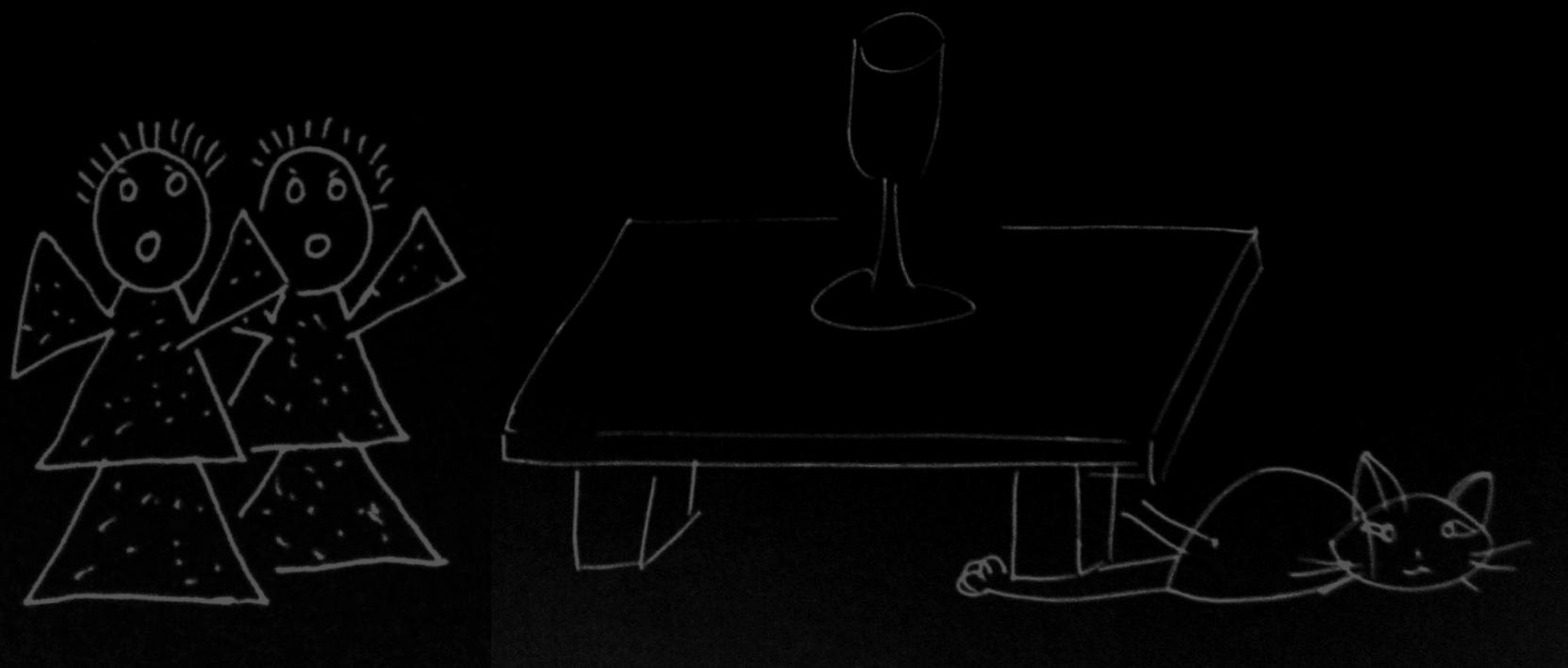


What is the relation between a joint action and the goal (or goals) to which it is directed?

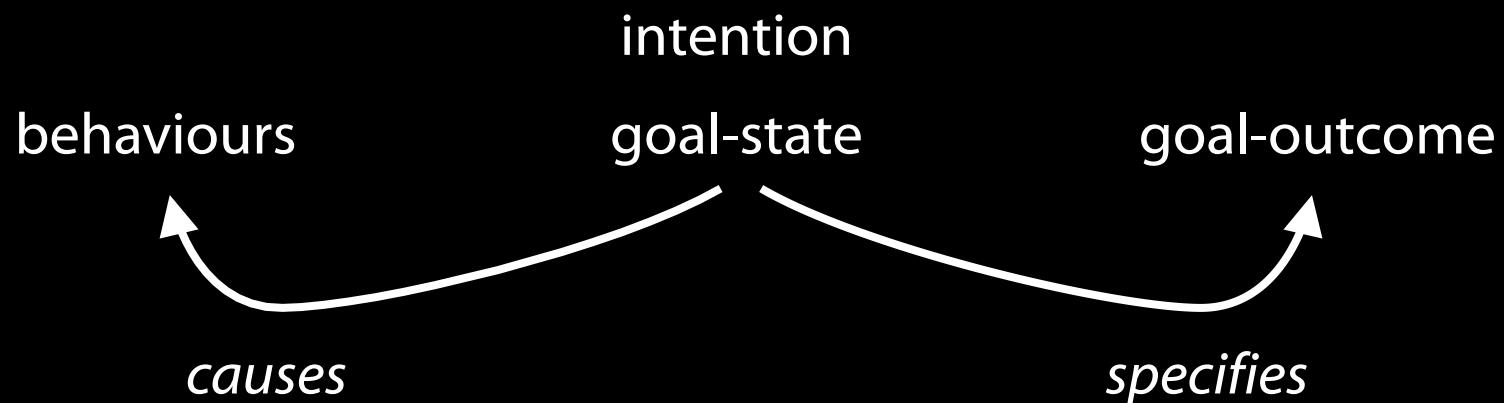
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**'the key property of joint action lies in its internal
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(Facundo Alonso, 2009, pp. 444-5)

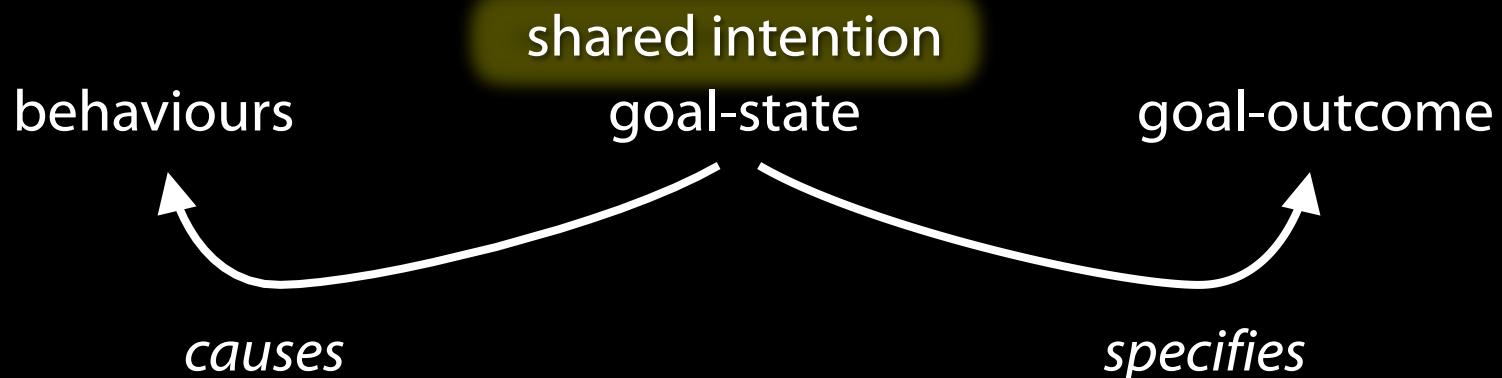
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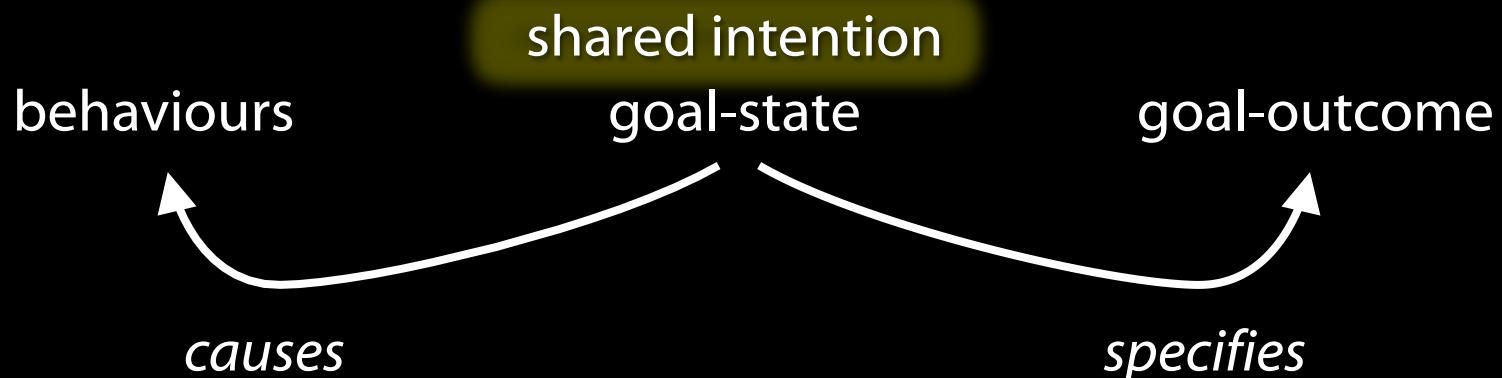
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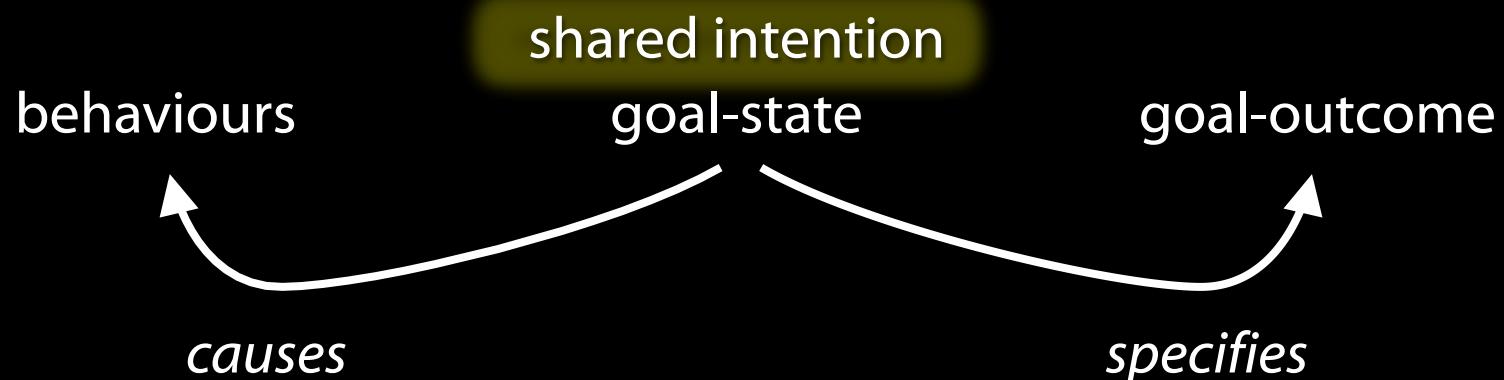
The goal of Ayesha and Beatrice's action is to free the cat.

It is not true that Ayesha and Beatrice have a shared intention.



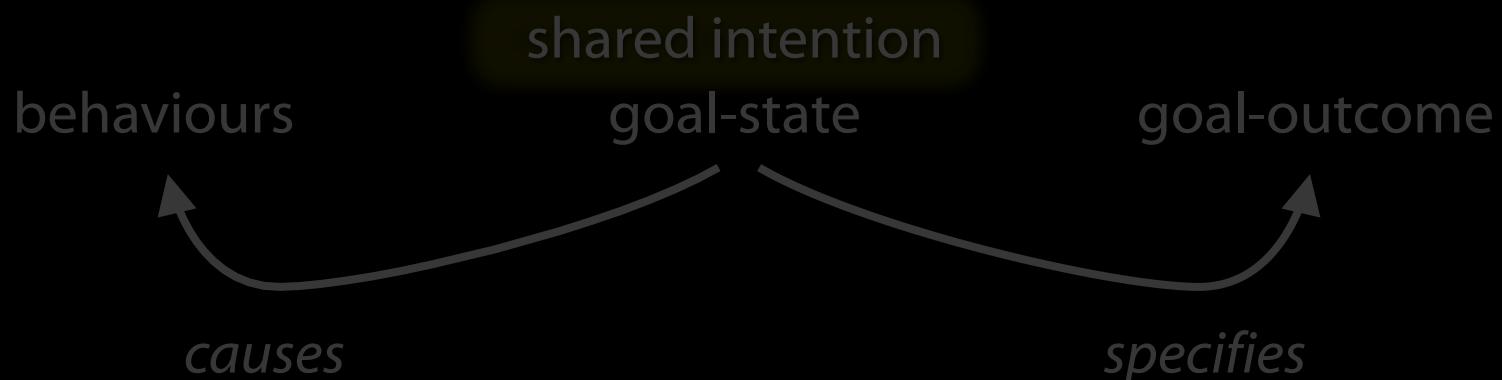
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shared intention

awareness of joint-ness

at least one of the agents knows that they are not acting individually; she or they have 'a conception of themselves as contributors to a collective end.'

awareness of others' agency

at least one of the agents is aware of one or more of the others as an intentional agent.

awareness of others' states or commitments

at least one of the agents who are F-ing is aware of, or has individuating beliefs about, some of the others' intentions, beliefs or commitments concerning F.

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joint action

The agents' activities
have a single goal.*

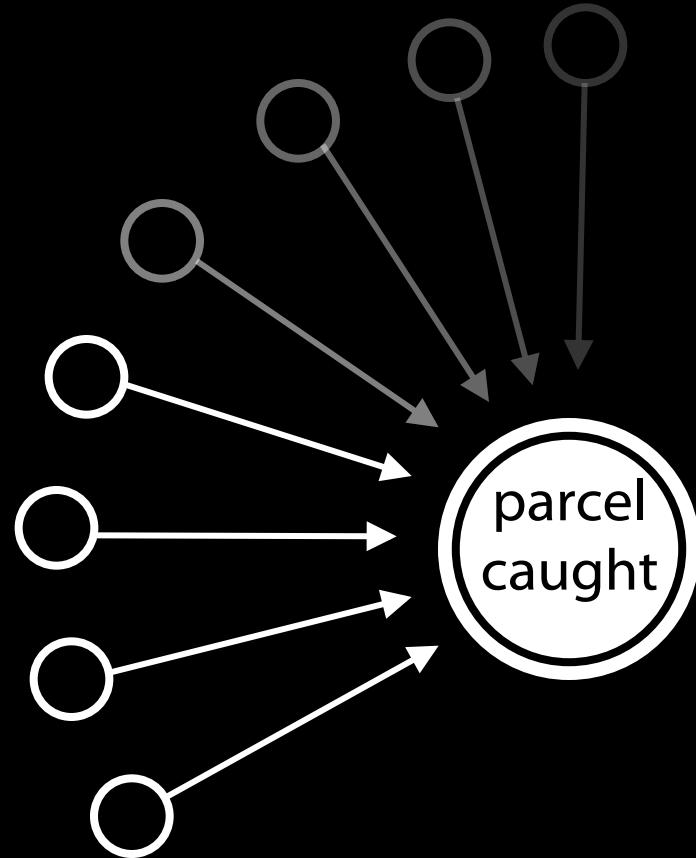
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[*could be weakened]

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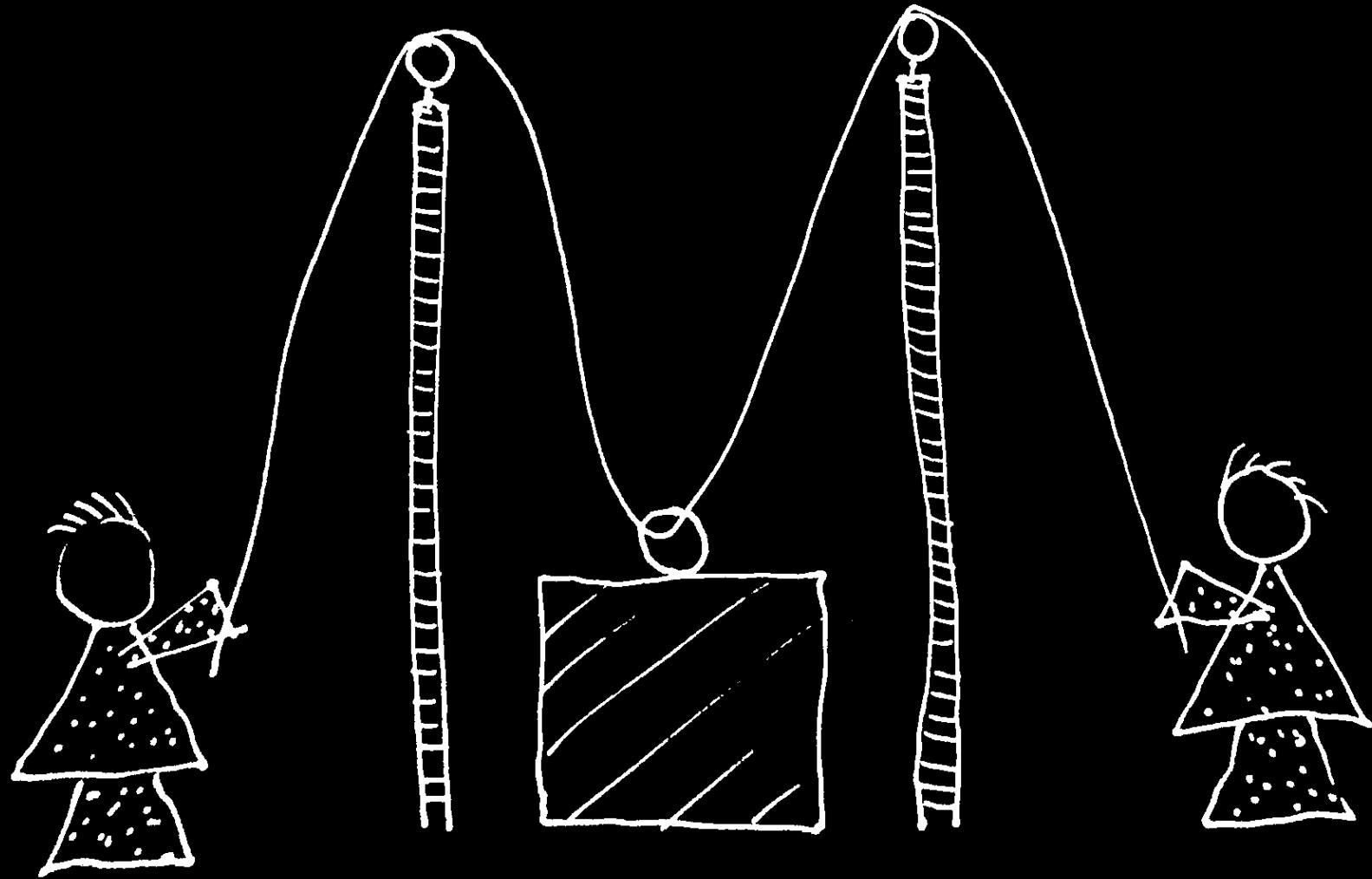
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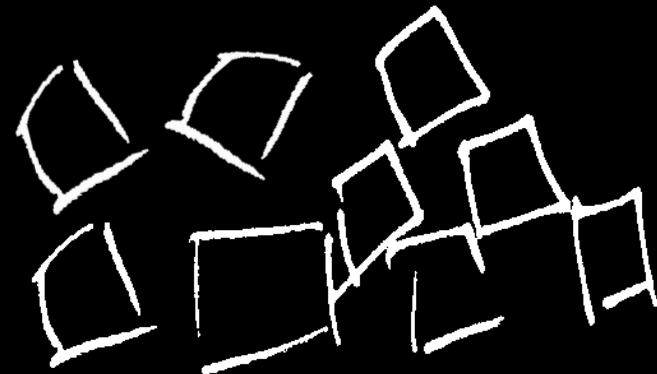
Many agents, one outcome
there is a single outcome to which each agent's activities are individually directed.

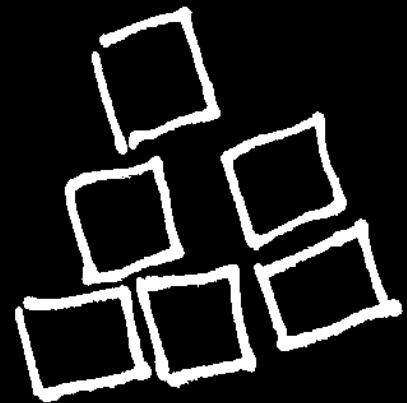
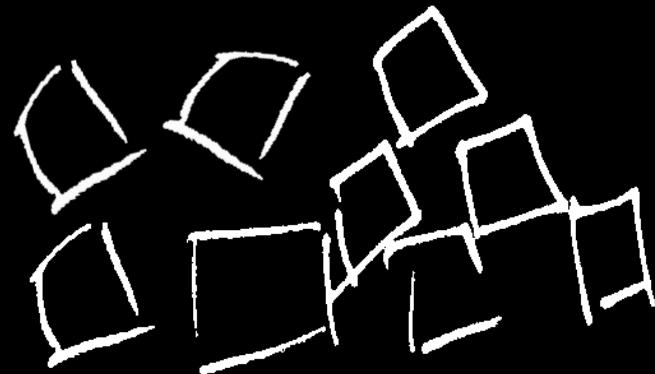
joint action without shared intention

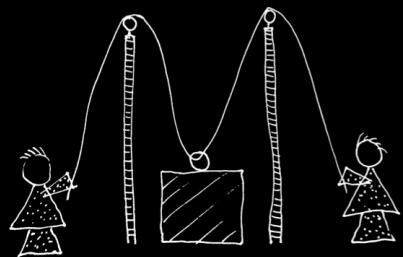


cf. Vesper et al (forthcoming)

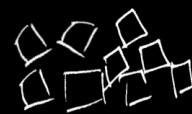






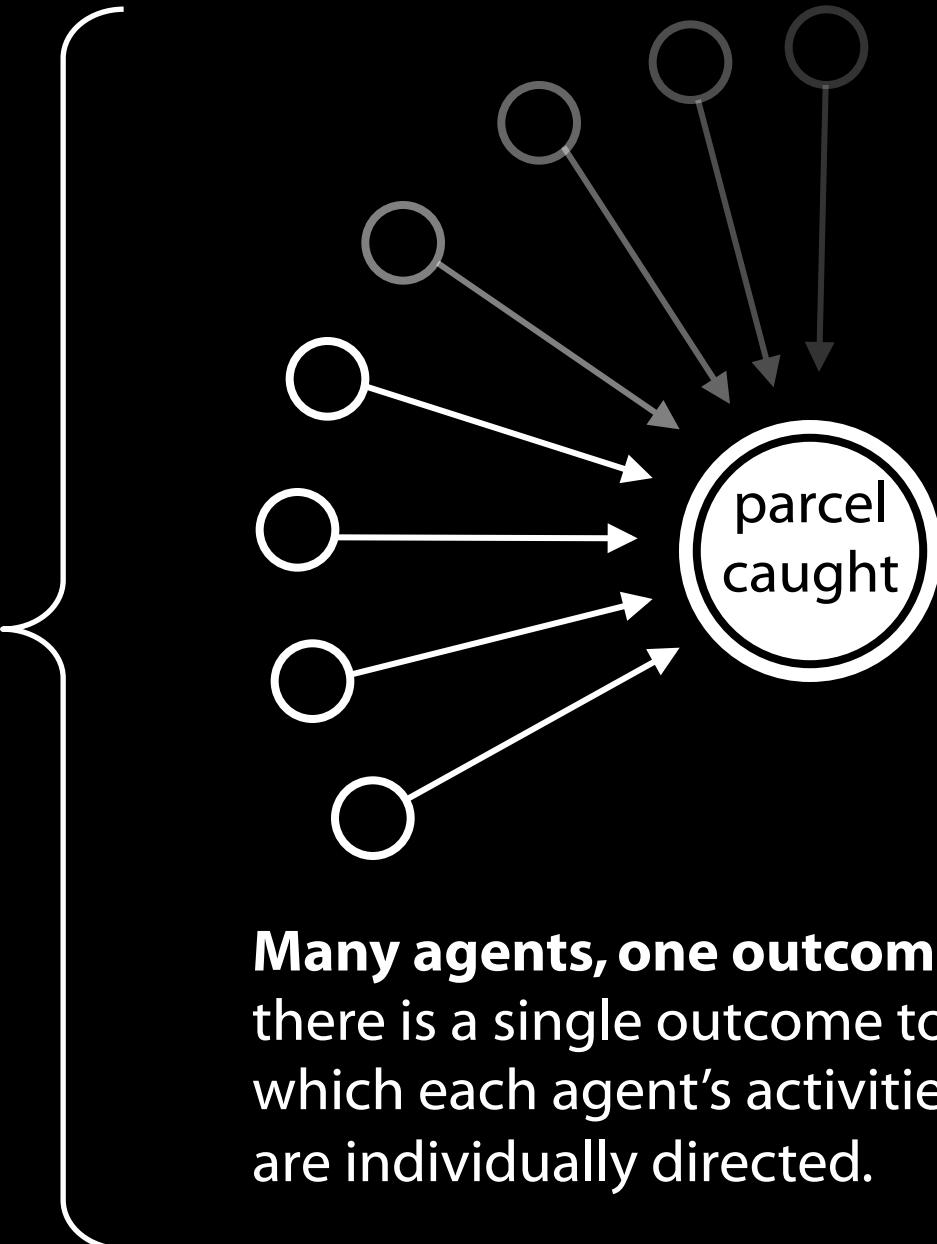


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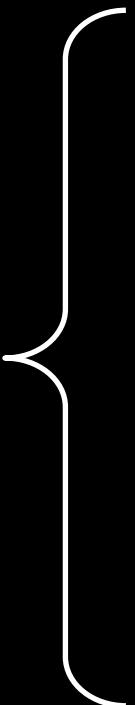
How can we characterise the relation between joint actions and their goal-outcomes without invoking shared intentions?

distributive goal



Many agents, one outcome
there is a single outcome to
which each agent's activities
are individually directed.

collective
goal



There is a single goal-outcome such that each agent's activities are directed to it (a distributive goal).

The agents' activities are coordinated.

The goal-outcome occurs partly as a consequence of, or is partly constituted by, this coordination

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'Ayesha and Beatrice
between them lifted the
table'





'Ayesha and Beatrice
between them lifted the
table'

'Left Leg and Right Leg
between them supported
the table'

'Ayesha and Beatrice
between them lifted the
table intentionally'



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