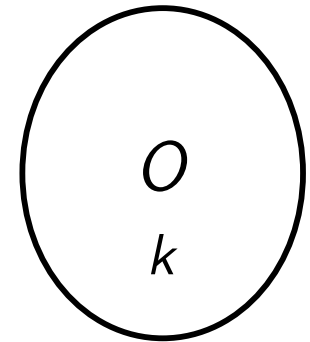
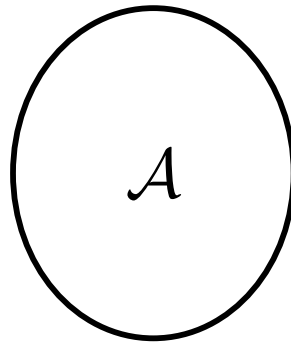
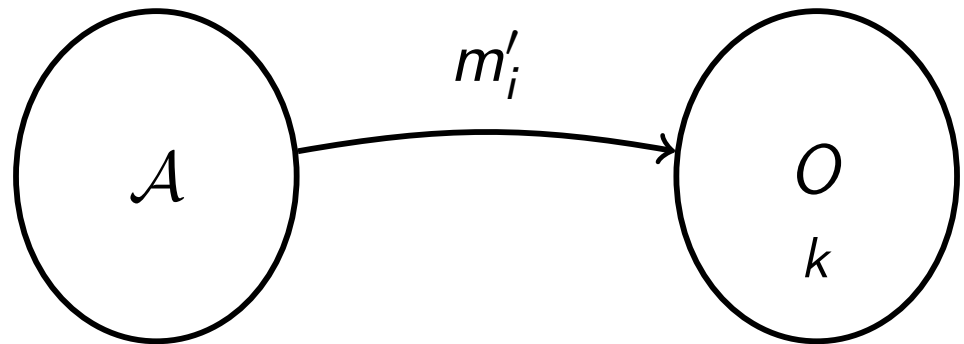


What does the adversary look like?



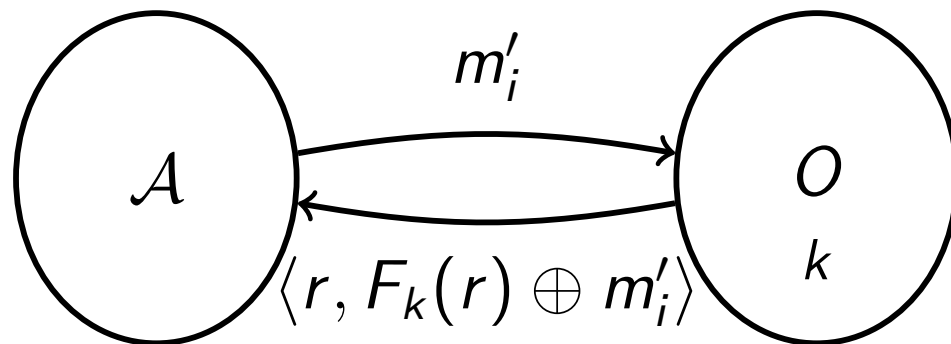
What does the adversary look like?

Query phase 1

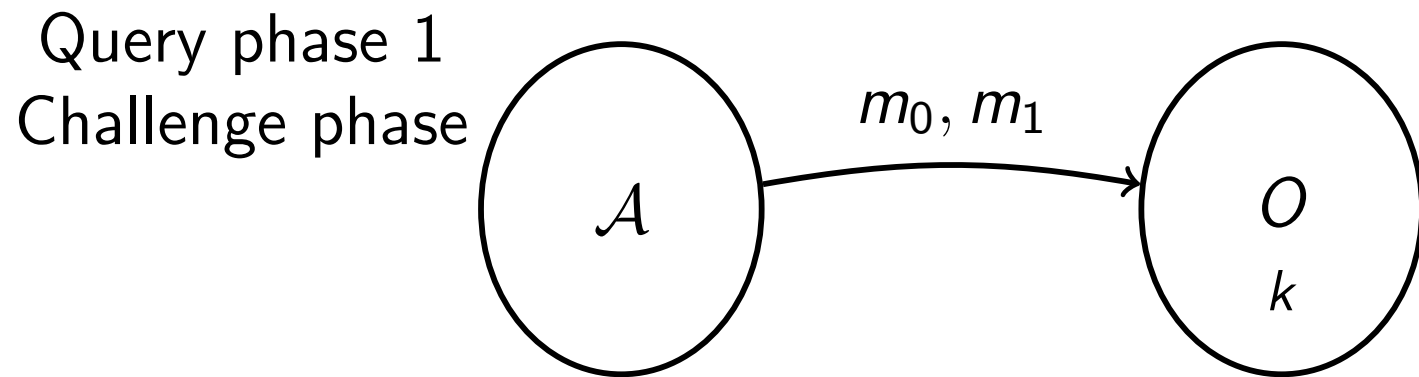


What does the adversary look like?

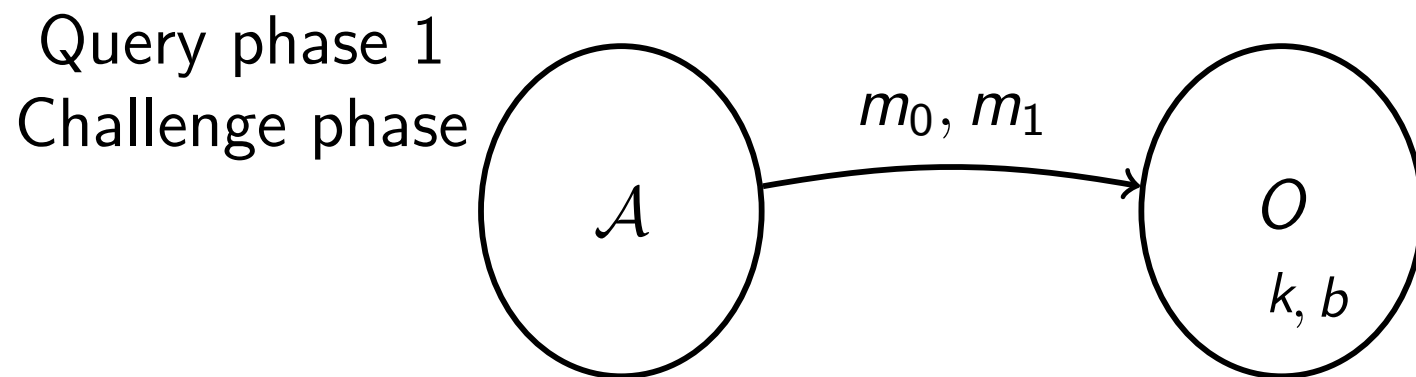
Query phase 1



What does the adversary look like?

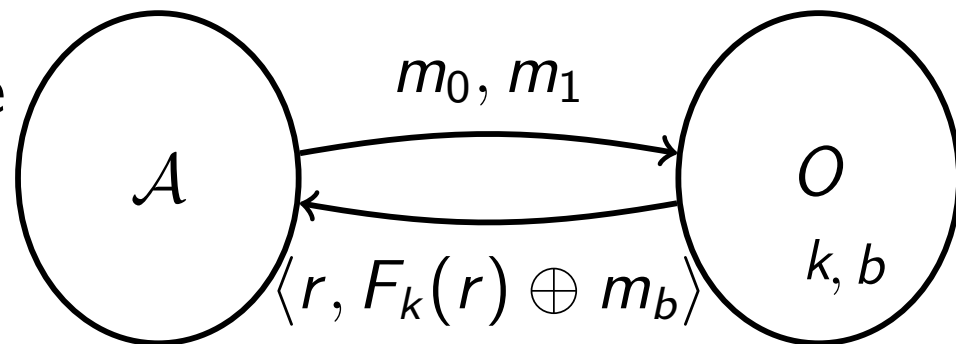


What does the adversary look like?

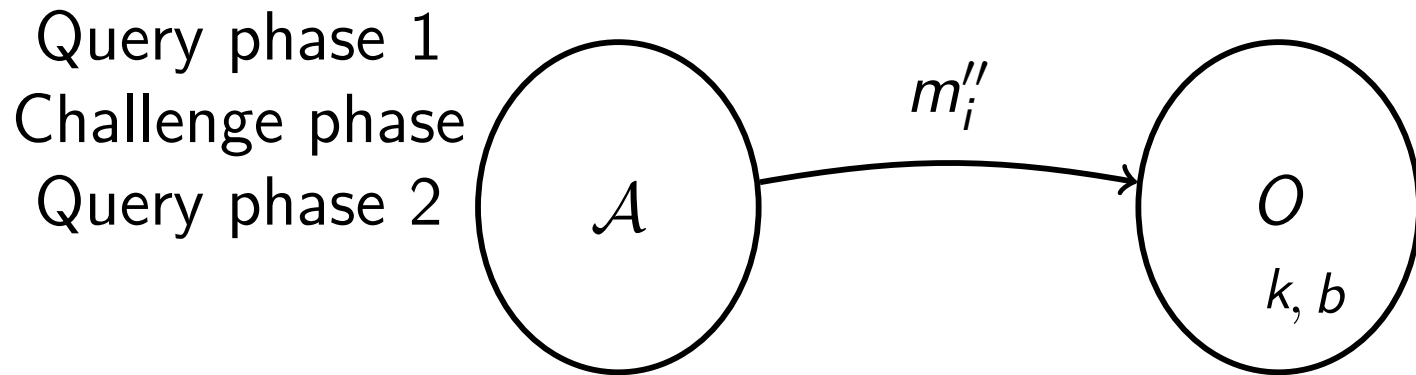


What does the adversary look like?

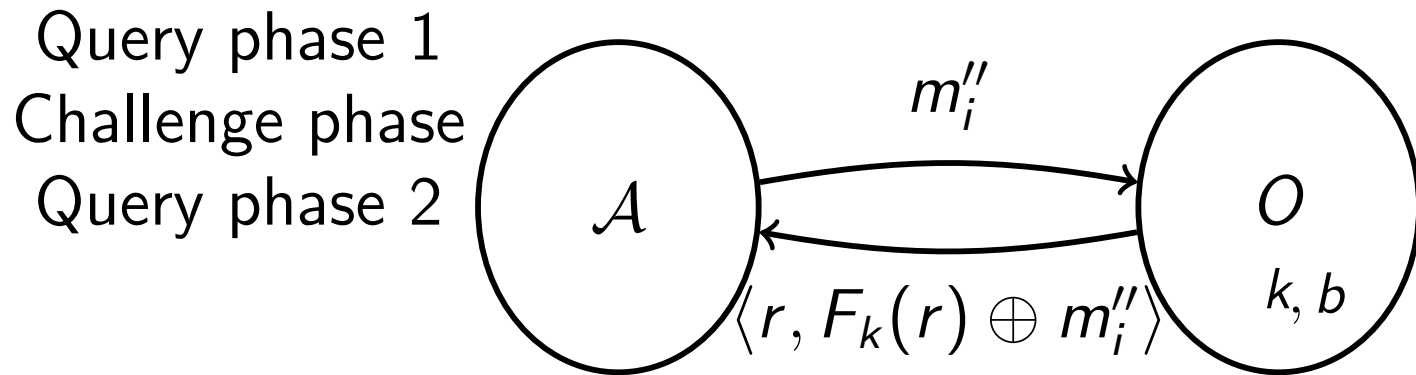
Query phase 1
Challenge phase



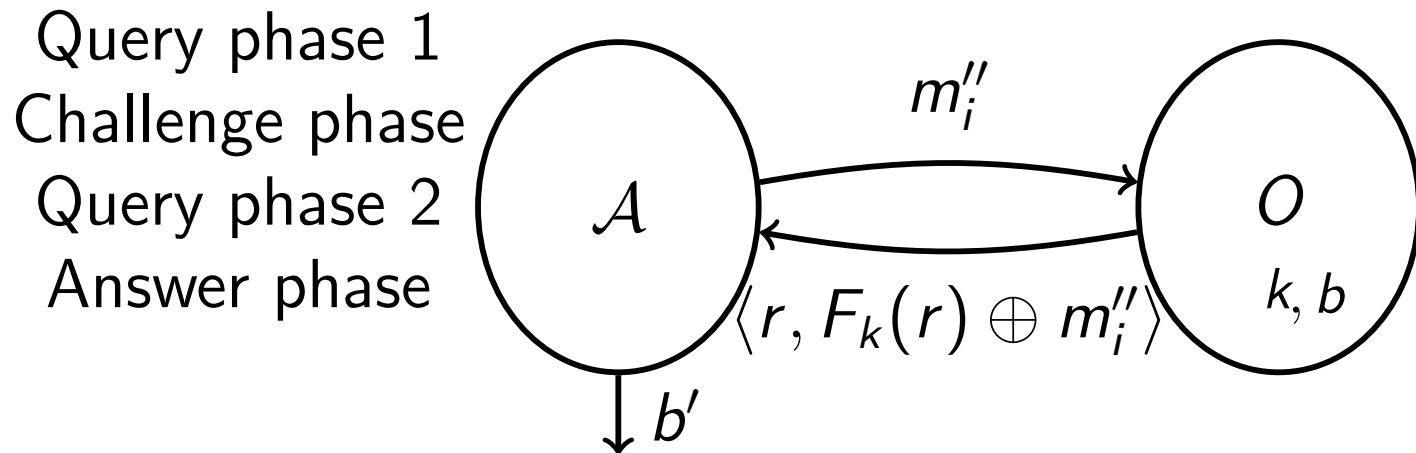
What does the adversary look like?



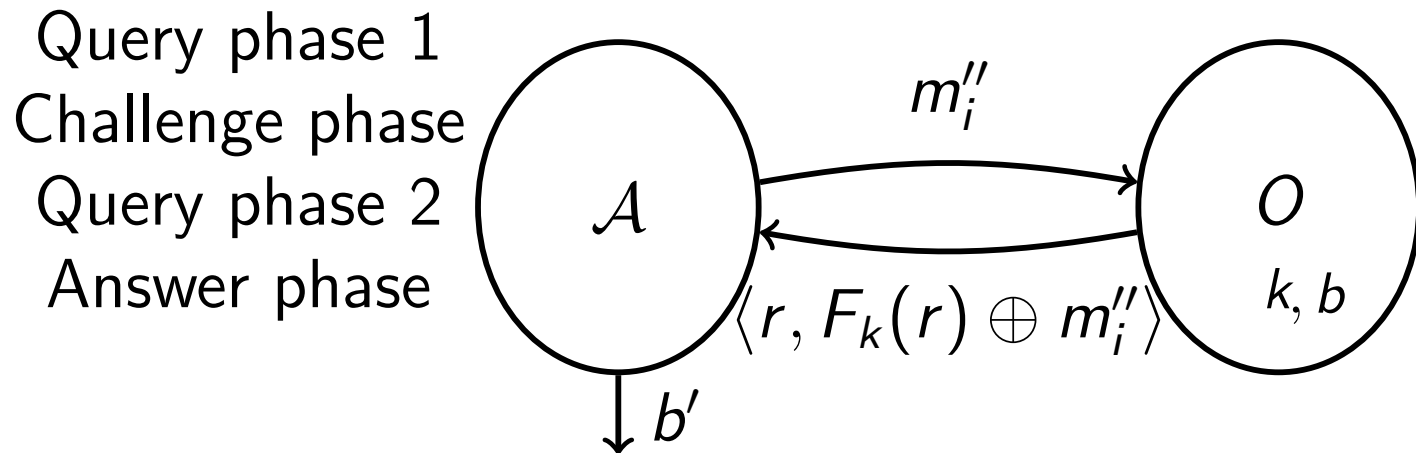
What does the adversary look like?



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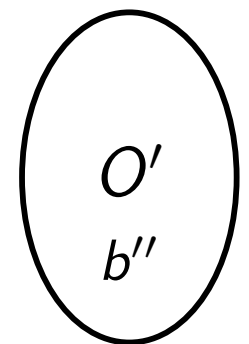


What does the adversary look like?

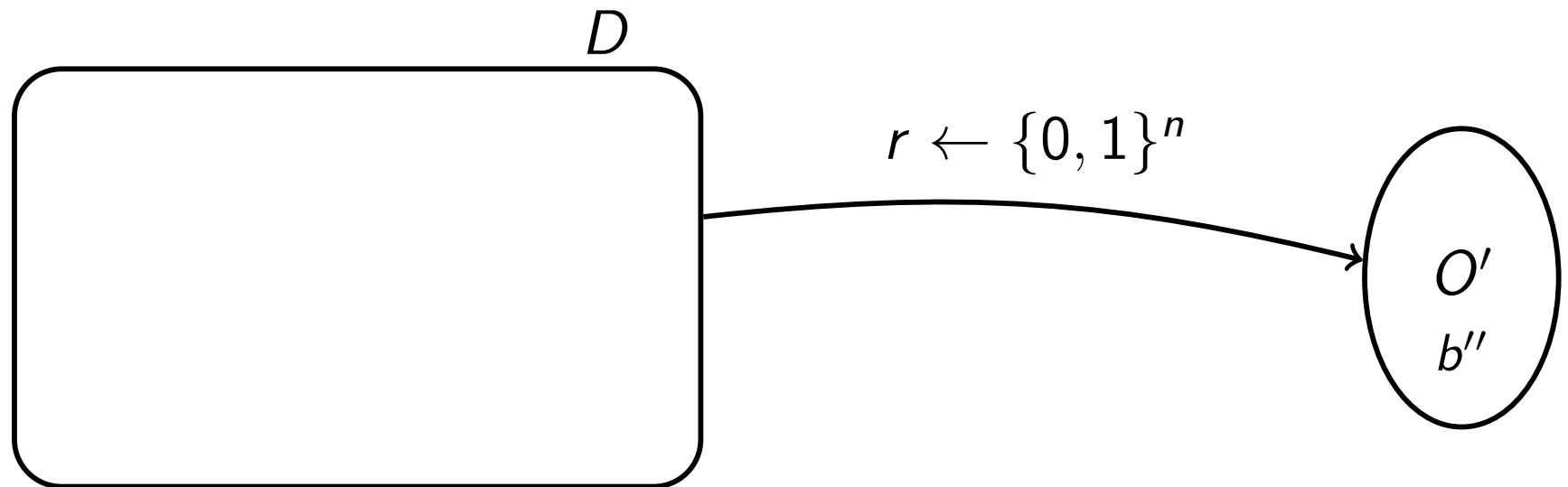


By assumption, $\Pr[b = b'] = \frac{1}{2} + \eta(n)$, with η non-negligible.

What distinguisher must we build?

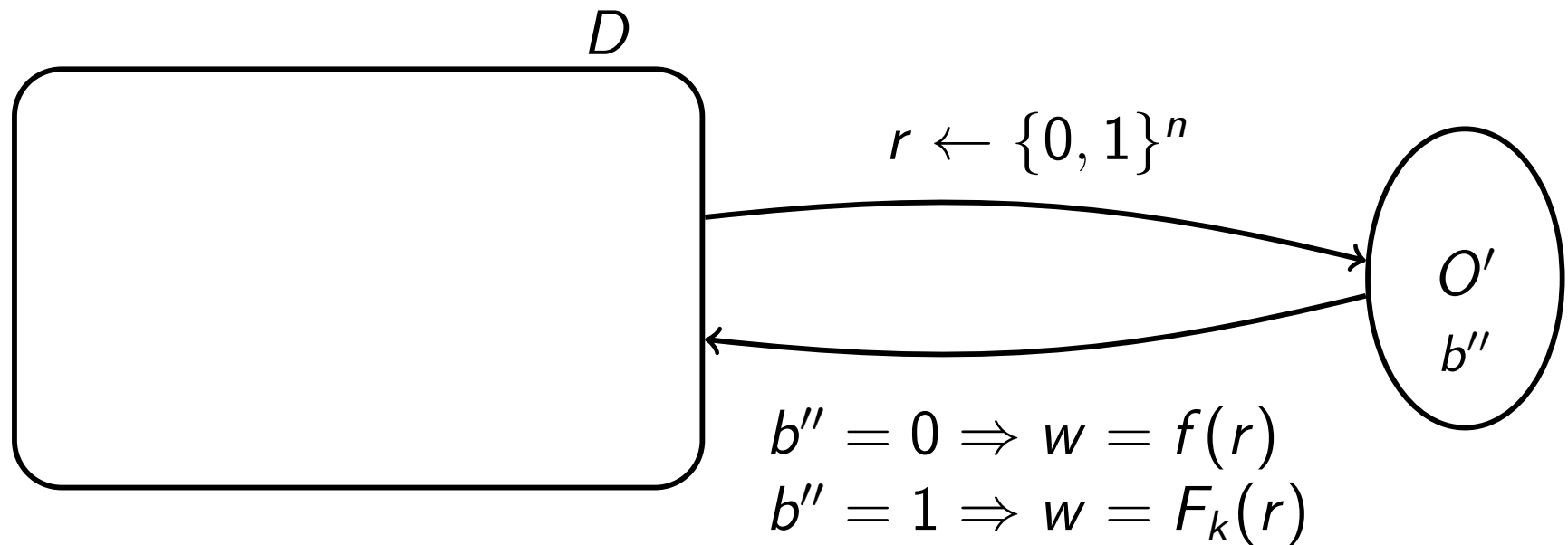


What distinguisher must we build?



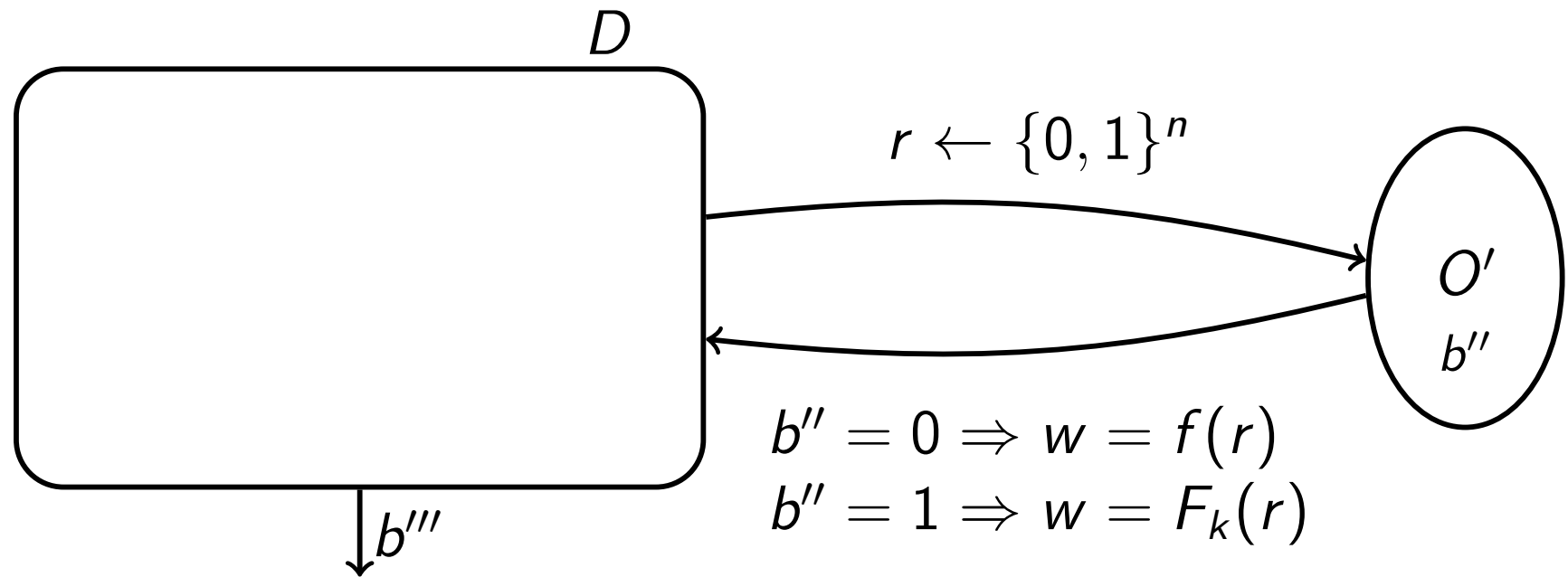
Query phase

What distinguisher must we build?



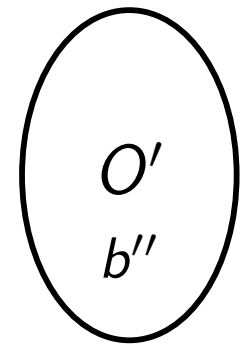
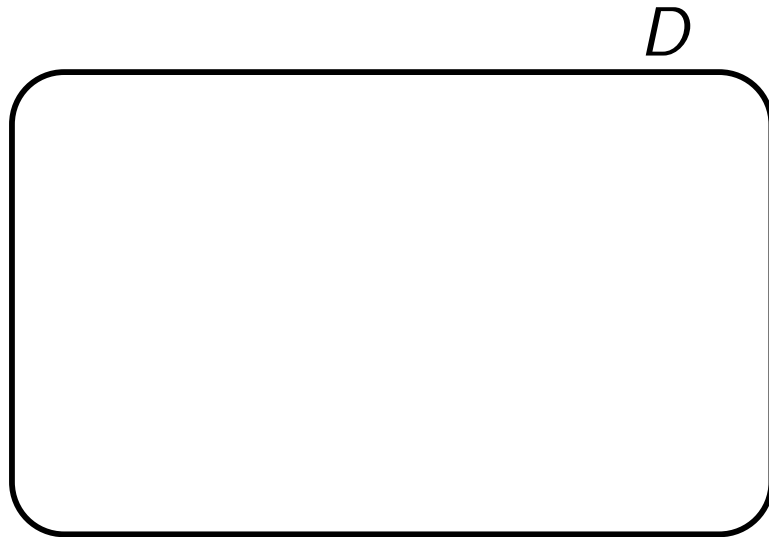
Query phase

What distinguisher must we build?

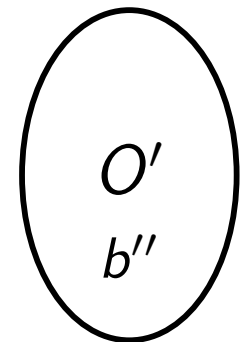
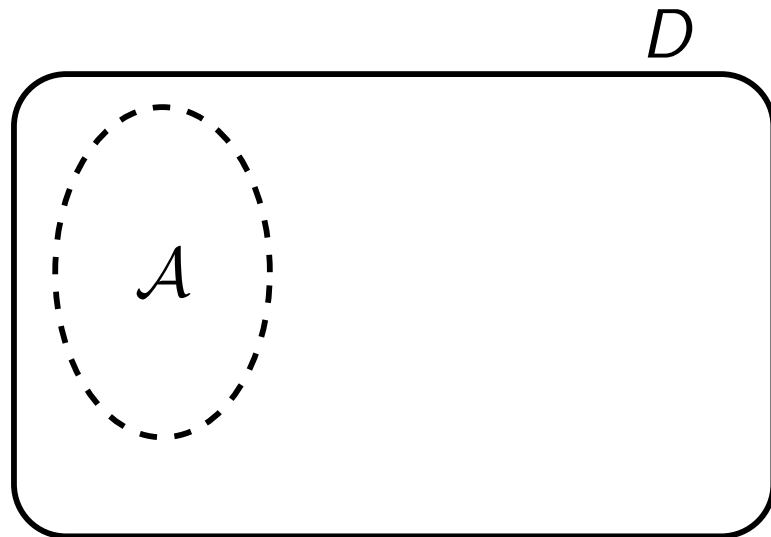


Query phase
Answer phase

Reduction

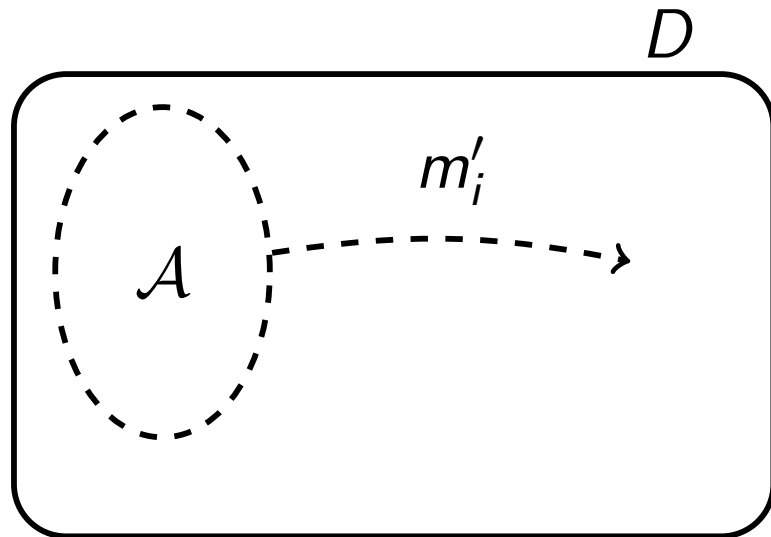


Reduction



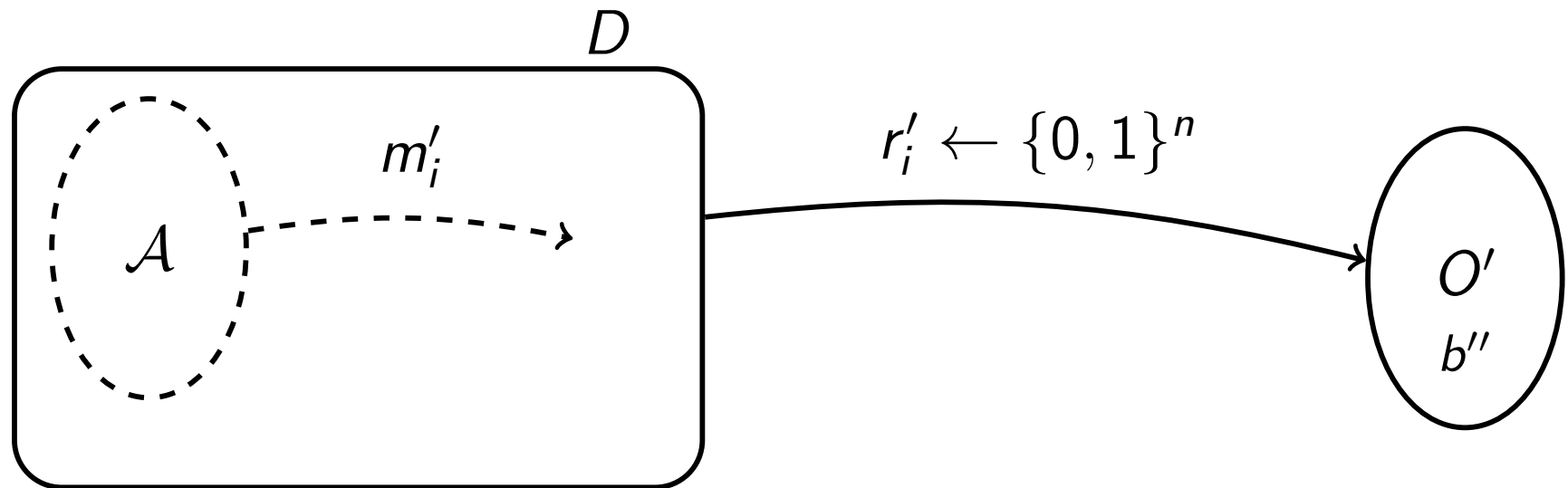
Reduction

Query phase 1



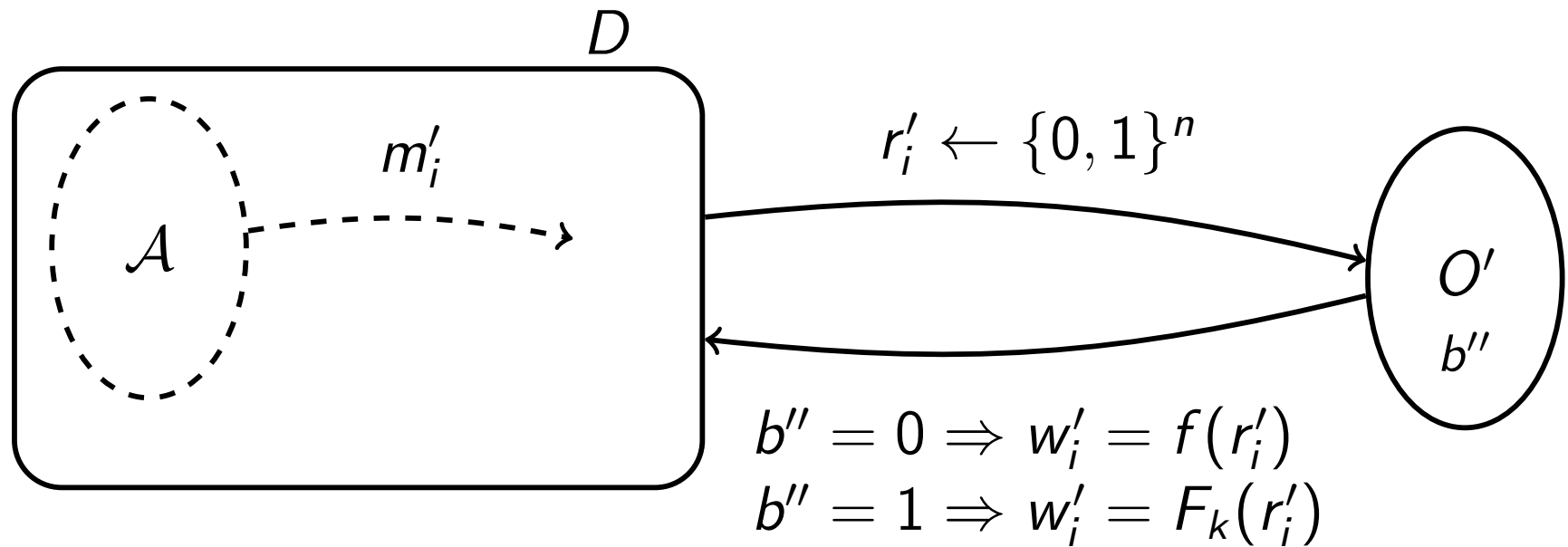
Reduction

Query phase 1



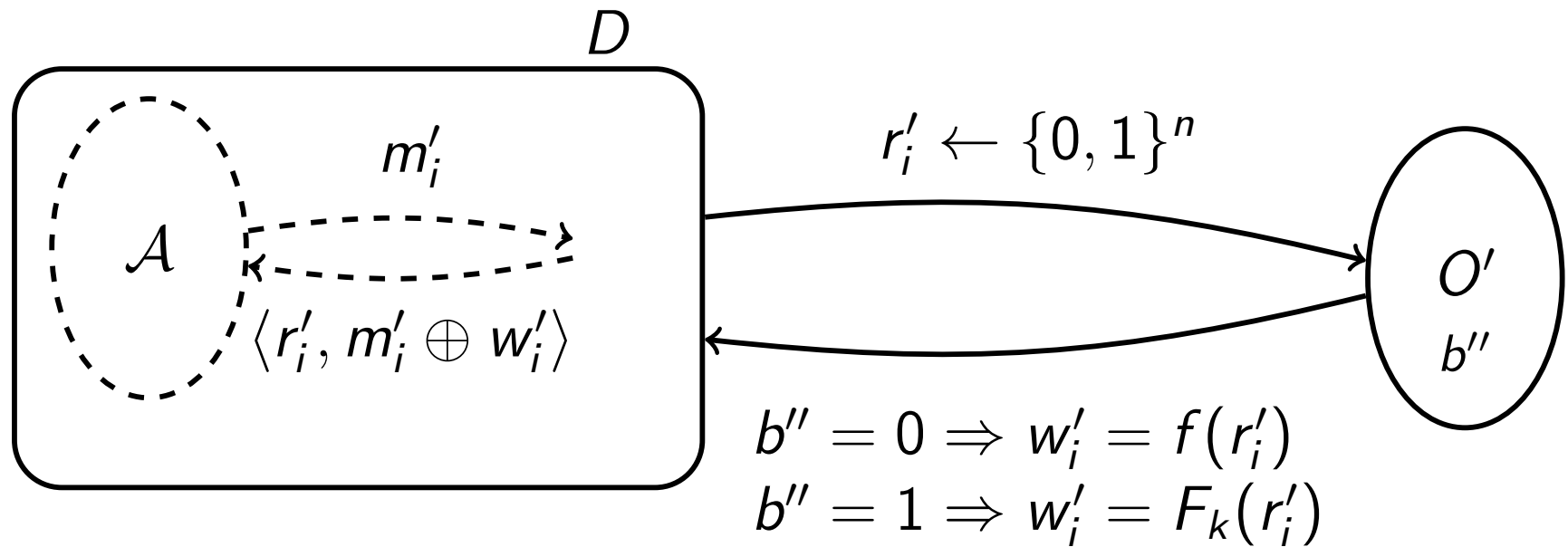
Reduction

Query phase 1



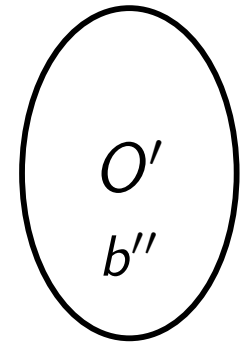
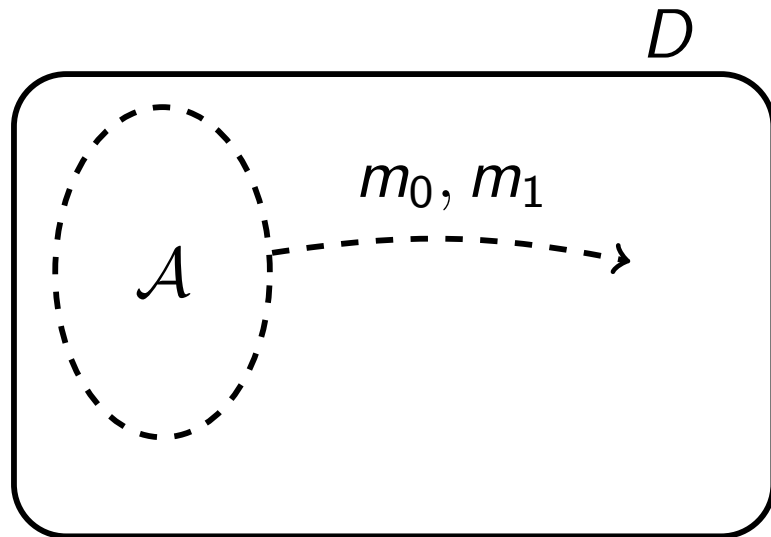
Reduction

Query phase 1



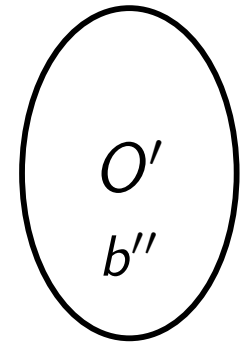
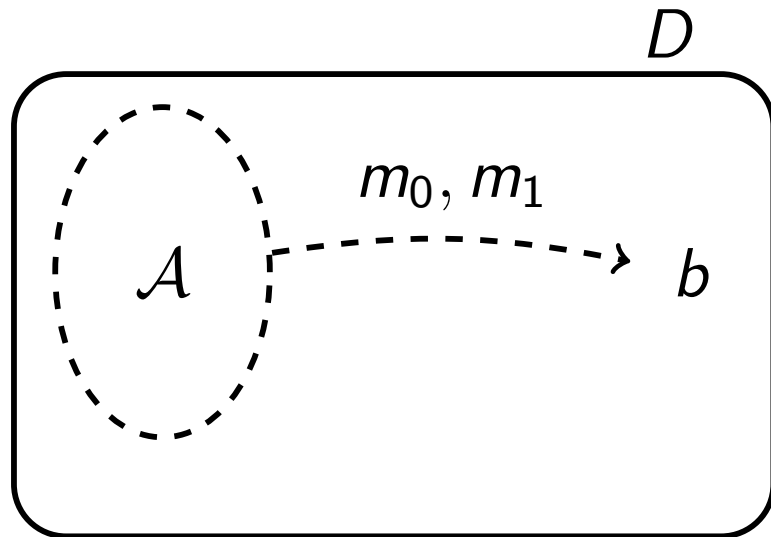
Reduction

Challenge phase



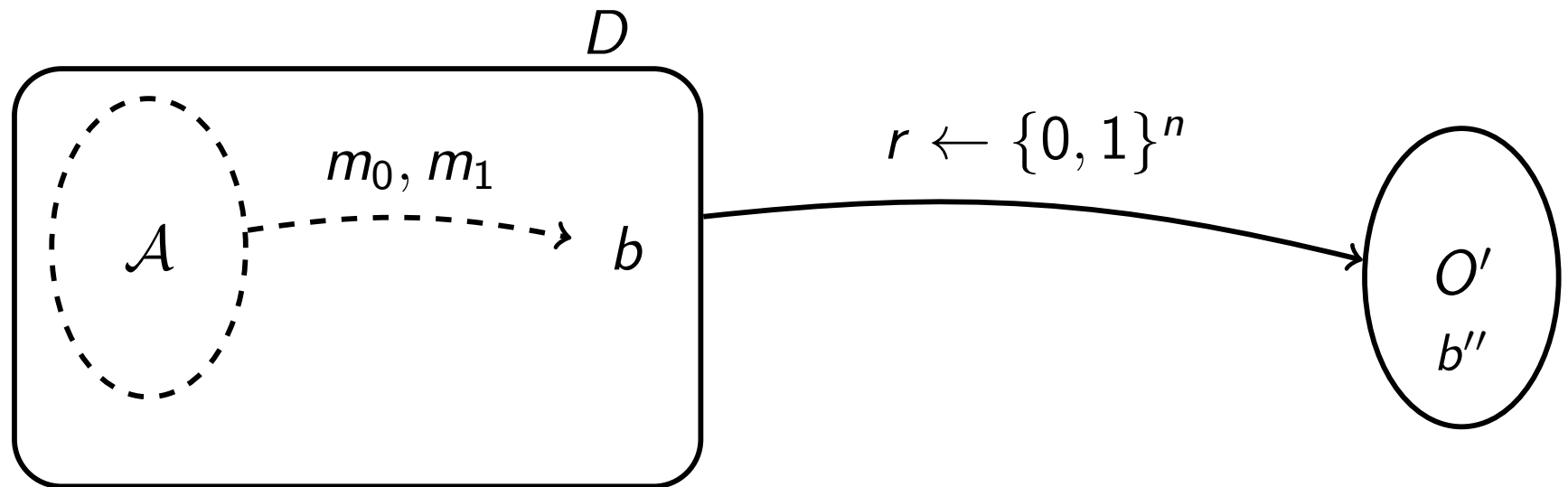
Reduction

Challenge phase



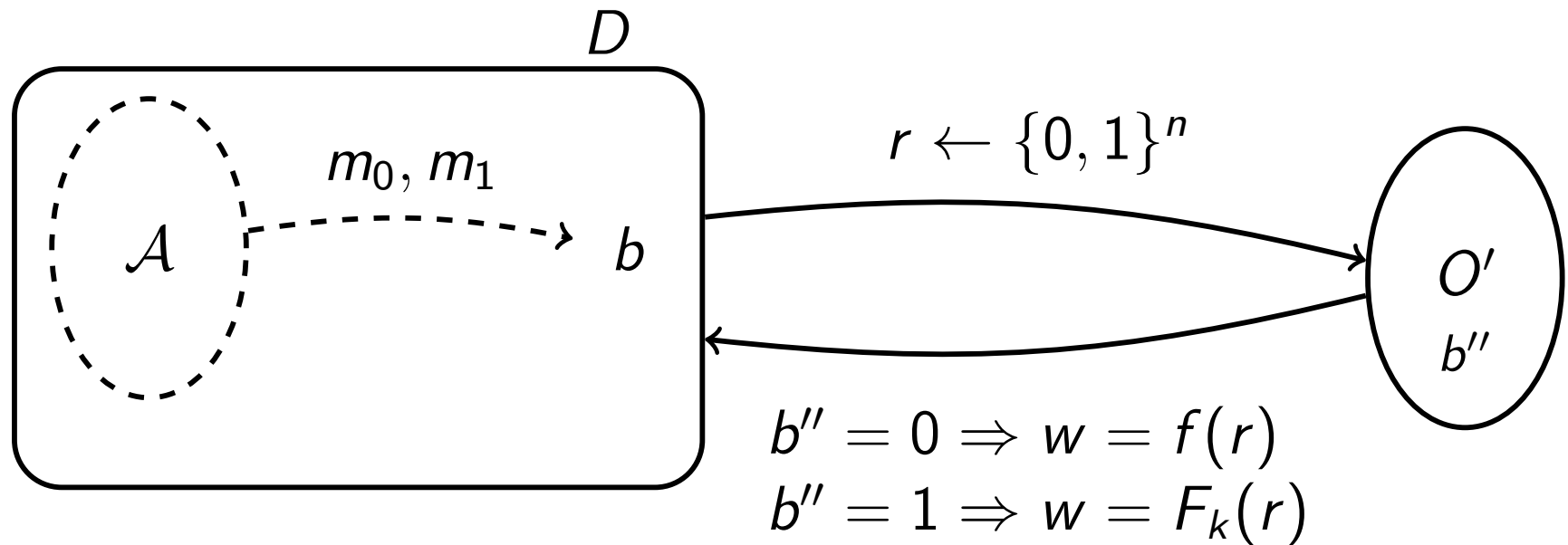
Reduction

Challenge phase



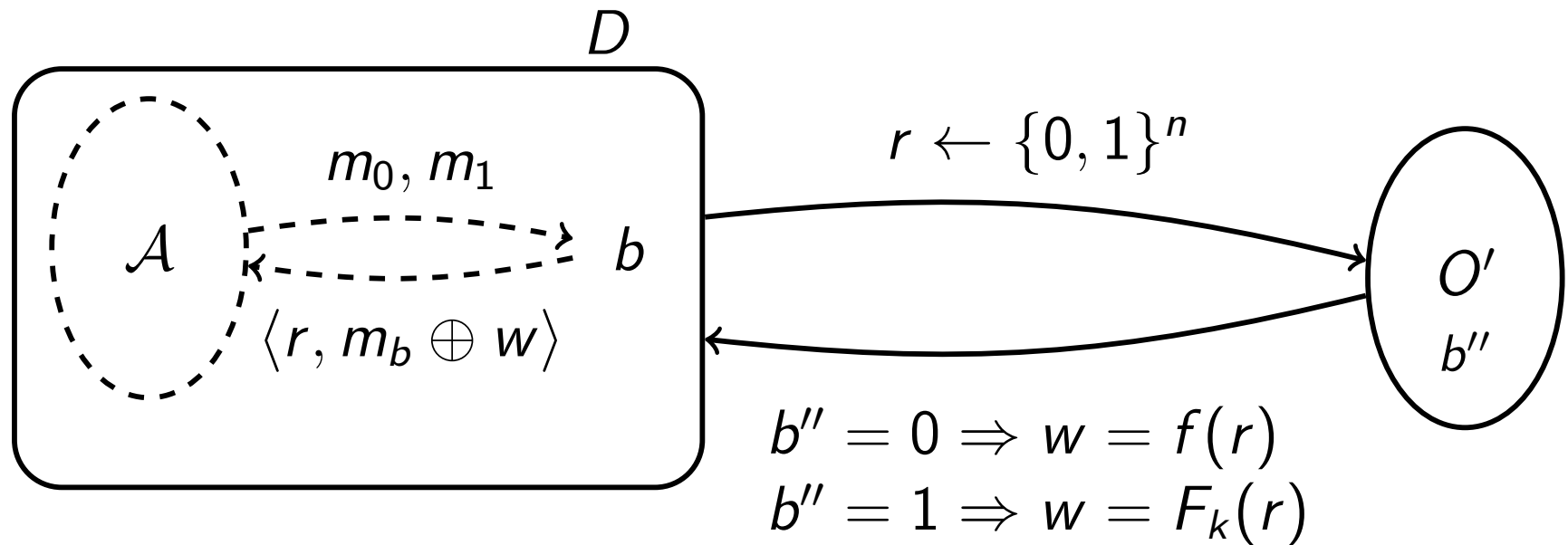
Reduction

Challenge phase



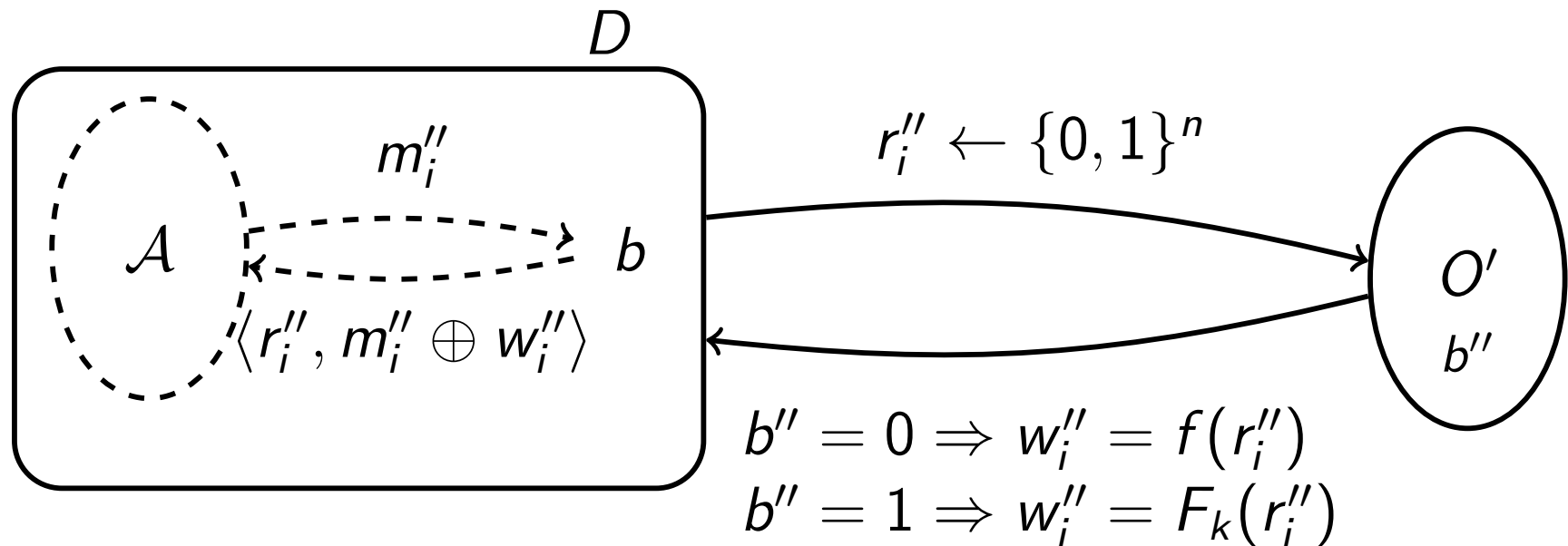
Reduction

Challenge phase



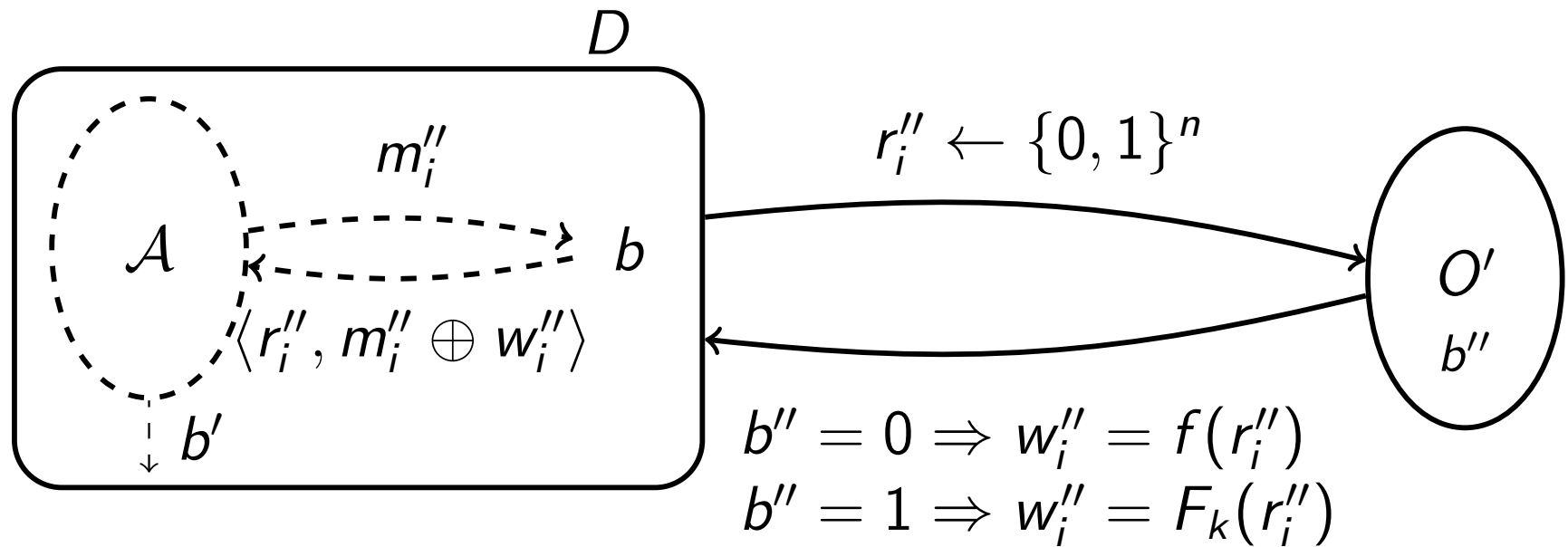
Reduction

Query phase 2
(identical to query phase 1)



Reduction

Answer phase



Reduction

Answer phase

