# Computationele logica

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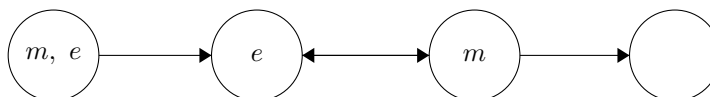
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## Exercise 1

A robot is in a war zone. It doesn't know its location, but all it cares is whether or not there is a mine in front (m), and whether or not there is an enemy approaching (e).

1. *Represent the robots's belief-revision structure using a single-agent plausibility model, with four possible states, using the atomic sentences m for "there is a mine in front of the robot", and e for "an enemy is approaching".*



2. *Suppose now that the robot's sensors indicate some vibrations.*