aMI Handin assignments

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1 Water tank

1.1 Baysian network

Indsæt figur fra Genie image.

1.2 Suitable conditional probability distribution

Hvis ventil er åben fanger den stortset altid der er flow, hvis den er lukket laver den oftere fejl.

1.3 Simulation

We assume that only the controller has access to the water level sensor, and thus we can not manually read the water level through the sensor.

2 Matlab

```
a = [1;3;5;7;9]
b = [2;4;6;8]
ans=a;
```