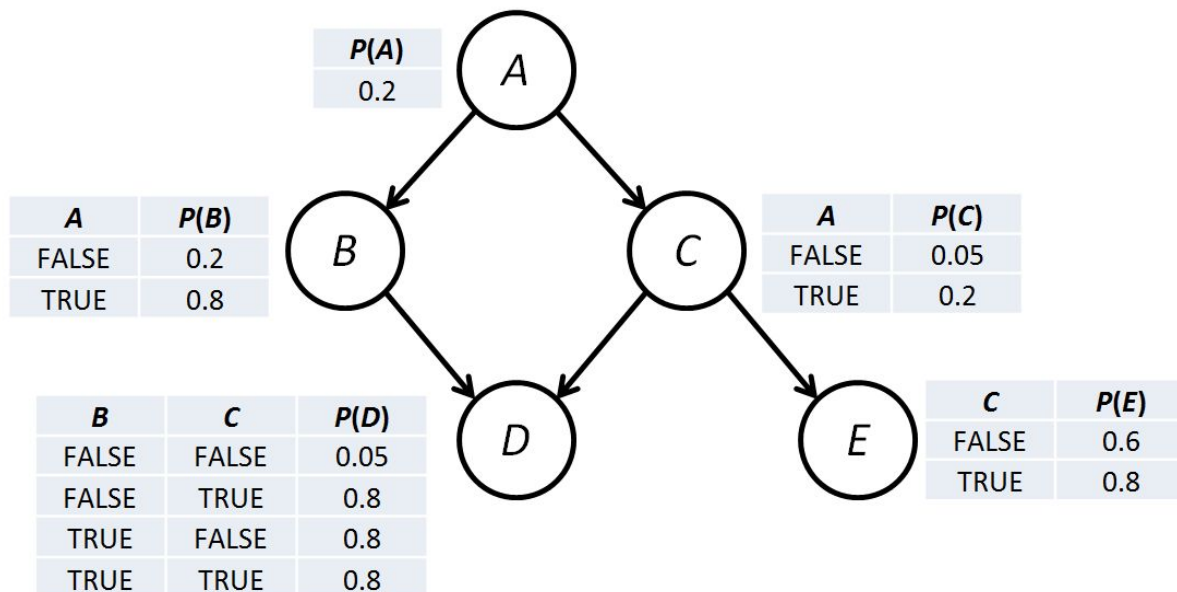


CENG 461: Artificial Intelligence
Homework #2
Bayesian Networks

DUE DATE: 24.12.2018 - 23:55



For the given Bayesian Network, calculate $P(+D)$, $P(+D, -A)$, $P(+E|-B)$, $P(+A|+D, -E)$ and $P(+B, -E|+A)$ using:

1. Complete enumeration
2. Variable elimination (if possible)
3. Monte Carlo technique

Submit your answers in Pdf and codes in Python.