

# A Propagator for Stochastic Constraints on Ordered Binary Decision Diagrams

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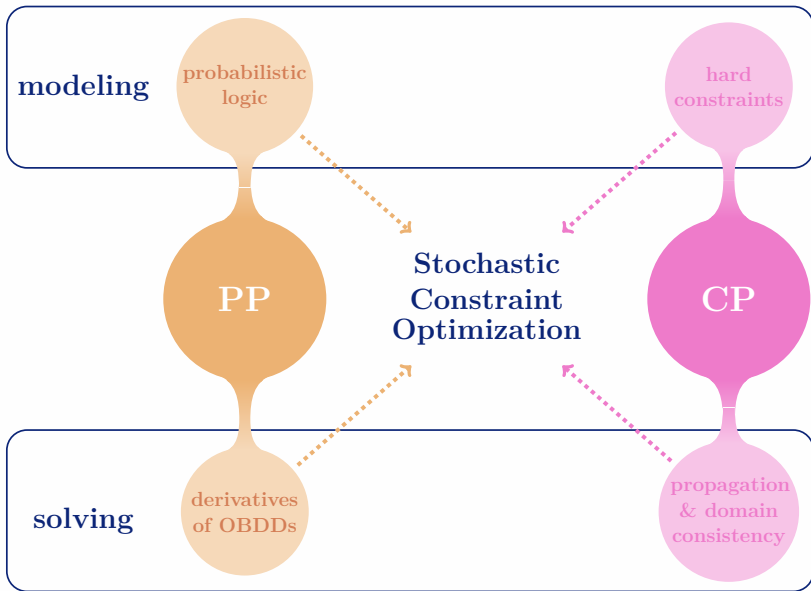


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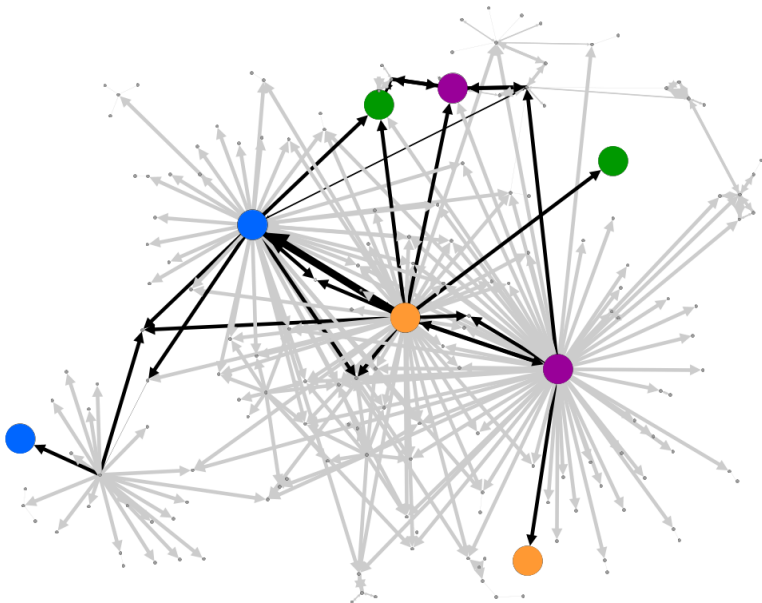
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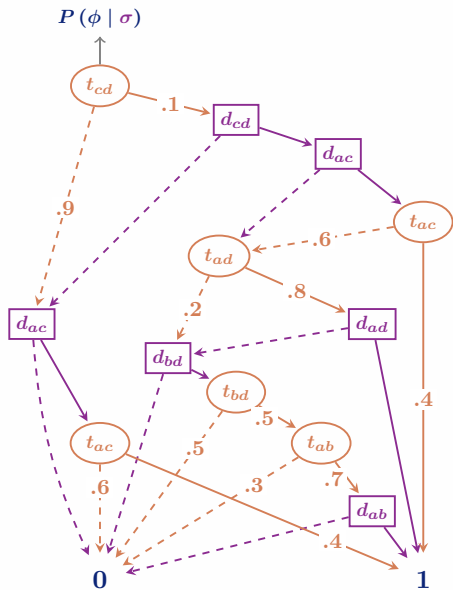


[De Raedt et. al. 2007], [Darwiche 2001]

# Probabilistic Network



# Propagator for OBDDs



**Old method:** search tree unnecessarily large

**New method:**

- domain consistent
- search tree smaller
- linear complexity

**Paper 15:** A.L.D. Latour, B. Babaki, S. Nijssen. *Stochastic Constraint Optimization using Propagation on Ordered Binary Decision Diagrams*