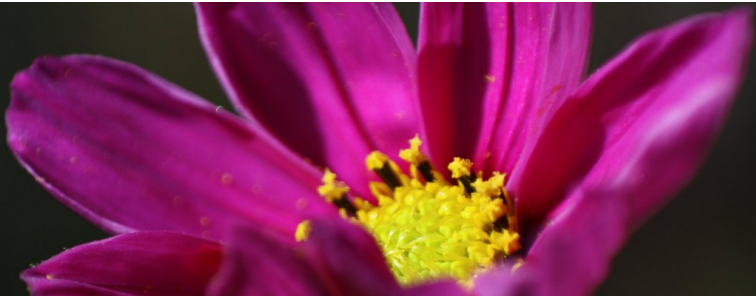


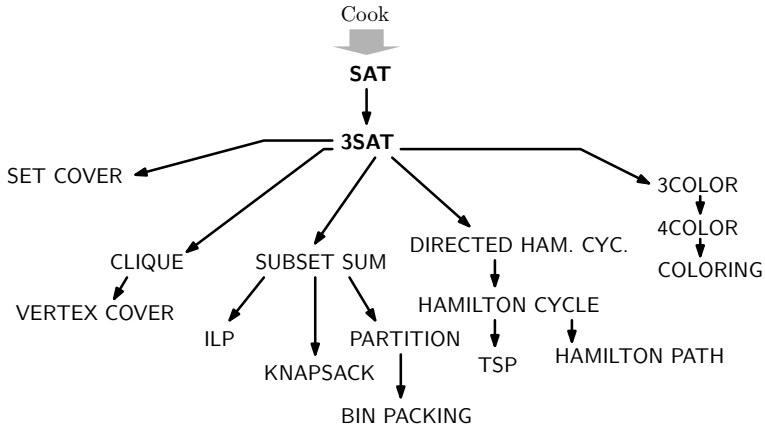
11. Übung – TGI (Teil 1)

Lorenz Hübschle-Schneider, Tobias Maier

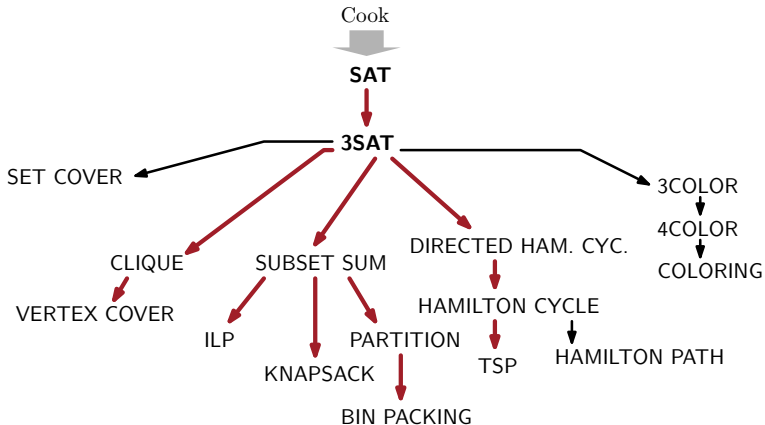
INSTITUT FÜR THEORETISCHE INFORMATIK, PROF. SANDERS



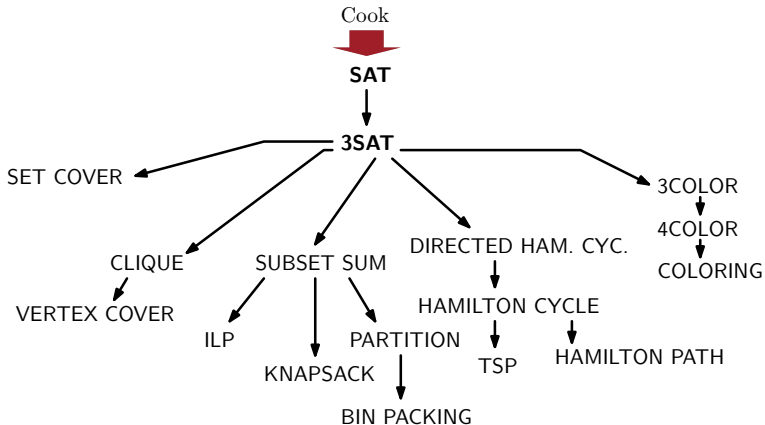
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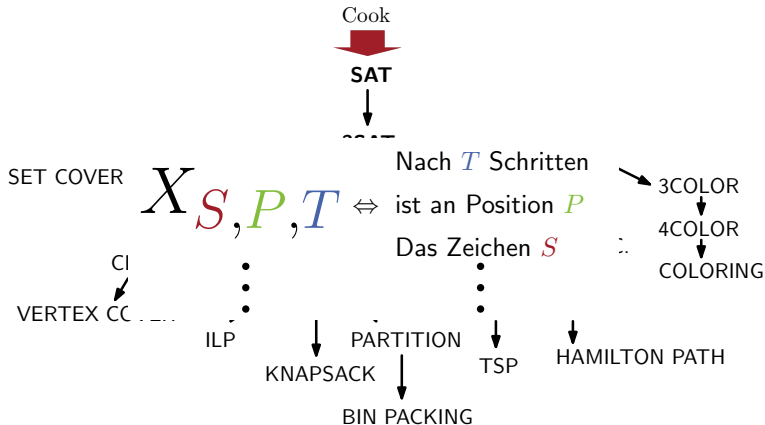
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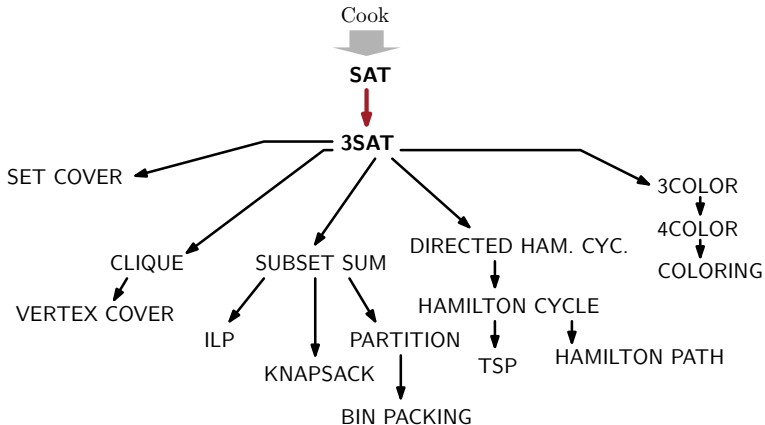
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NP-Schwere Reduktionen



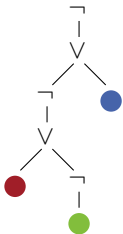
NP-Schwere Reduktionen



NP-Schwere Reduktionen

Cook
↓
SAT

1. Formel als Baum



2. Negation in Blätter



3. Neue Variablen für innere Knoten

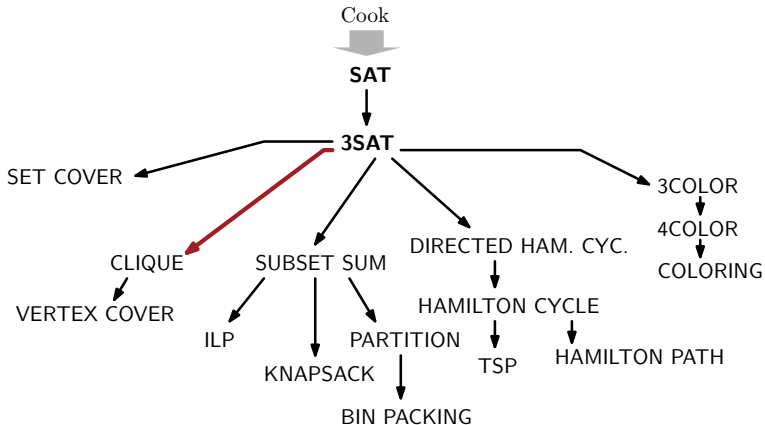
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KNAPSACK

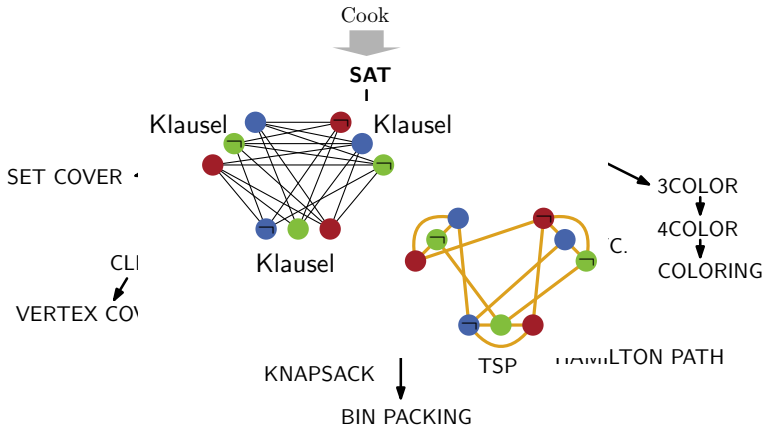


BIN PACKING

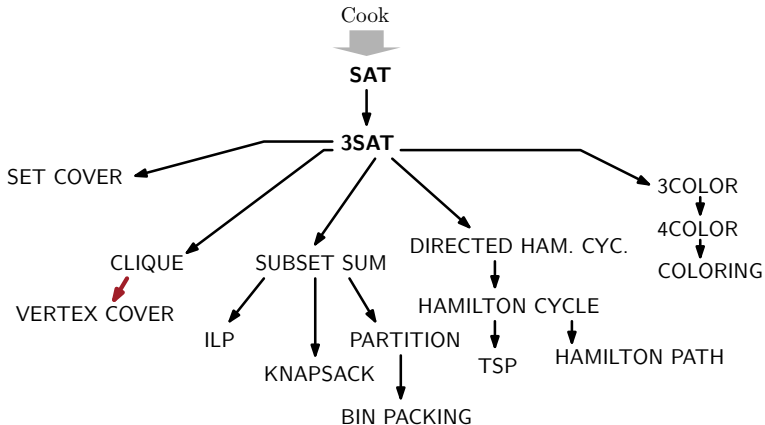
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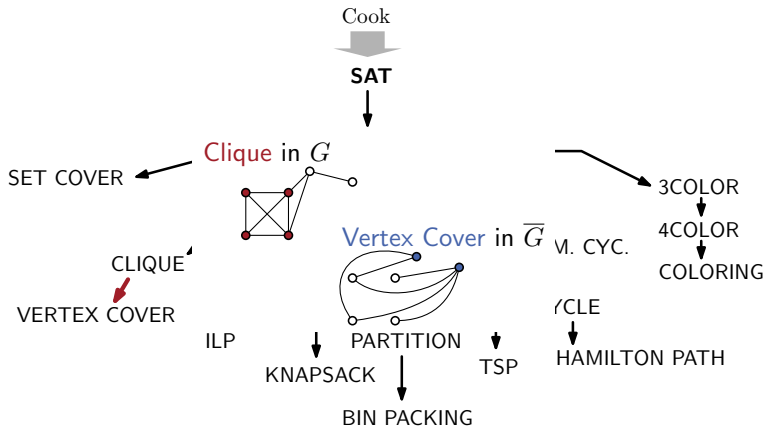
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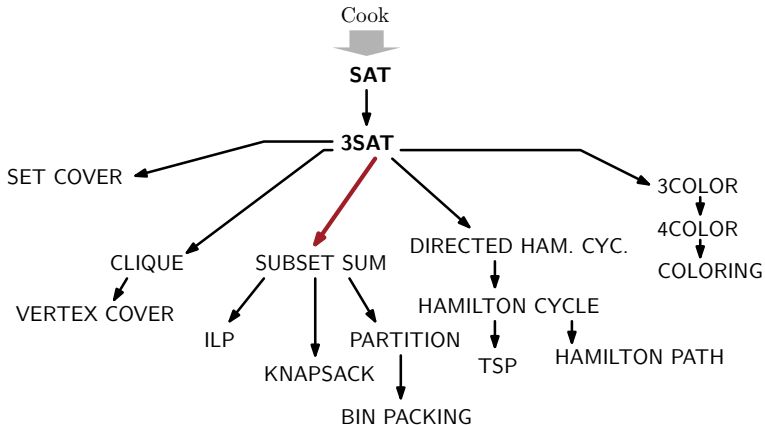
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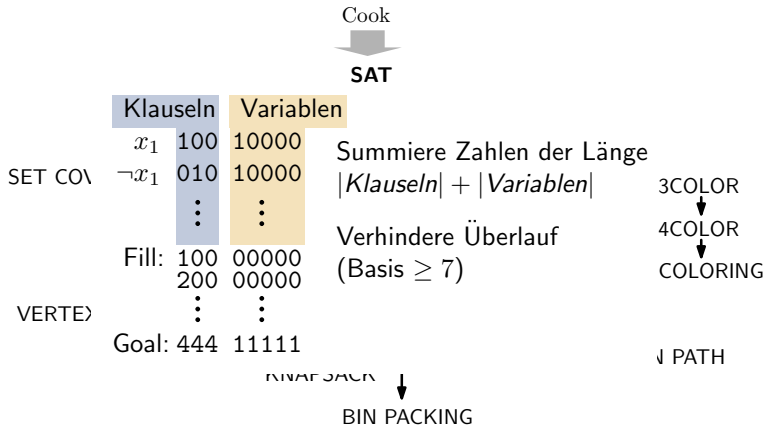
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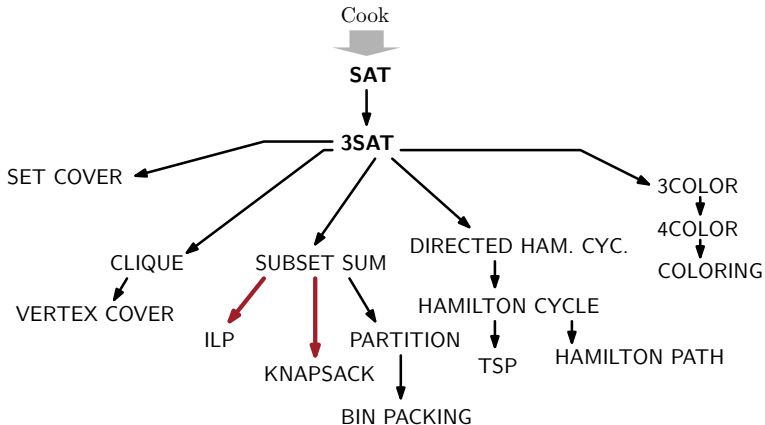
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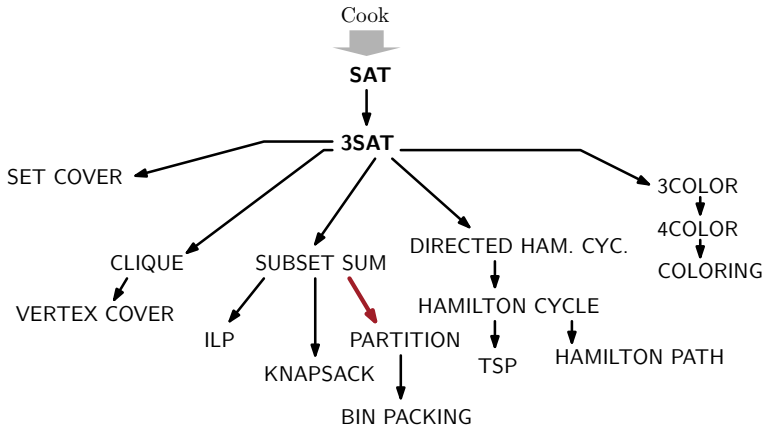
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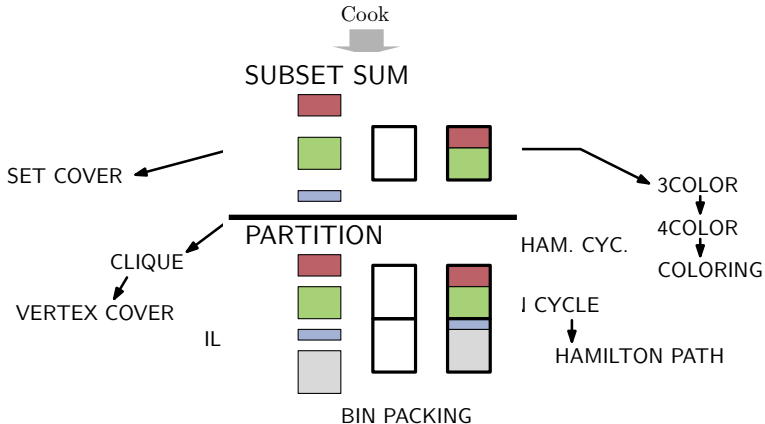
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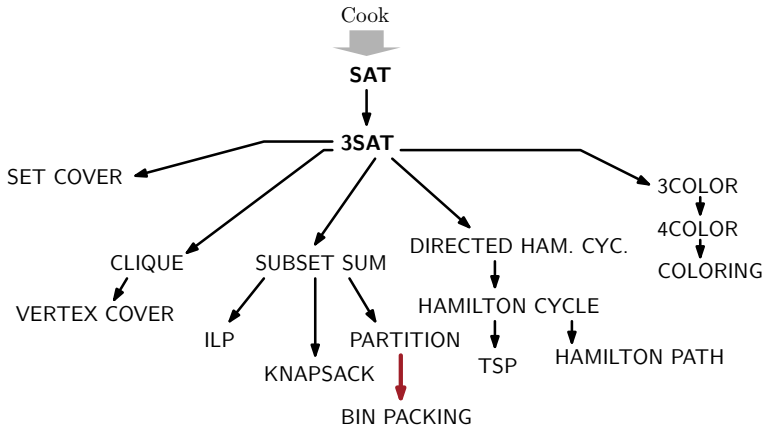
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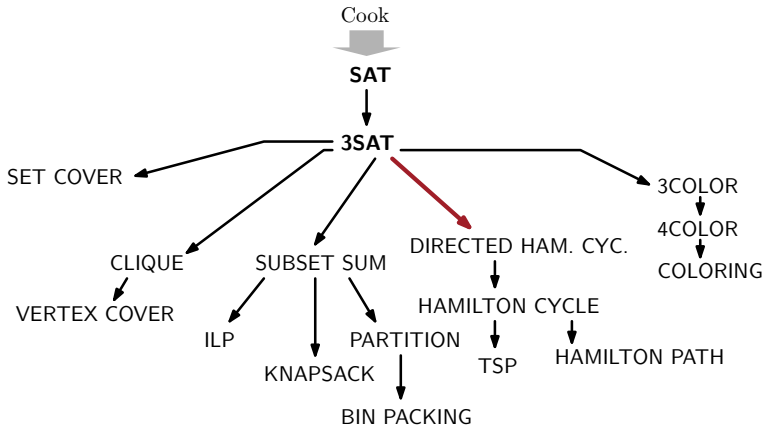
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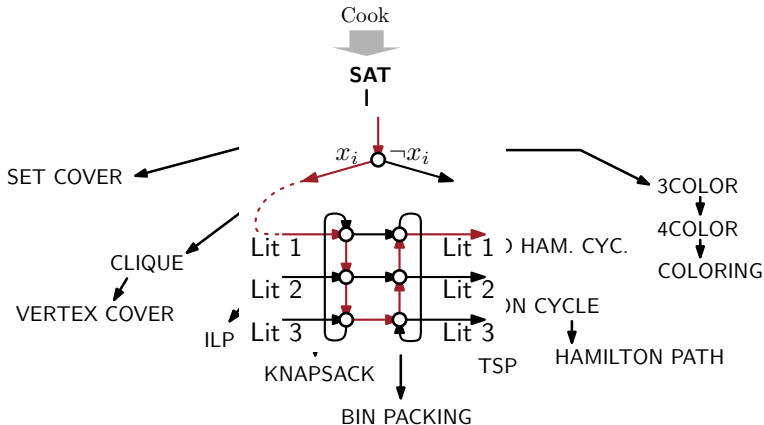
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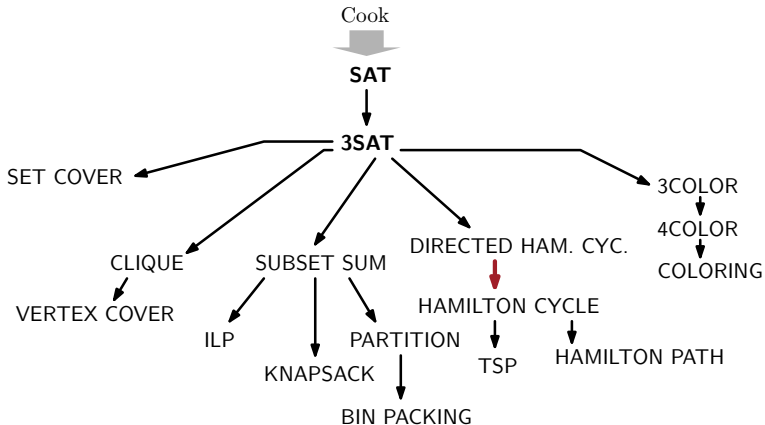
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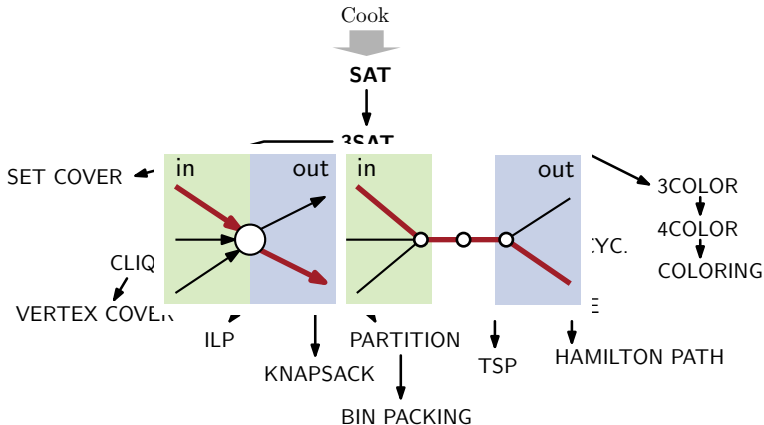
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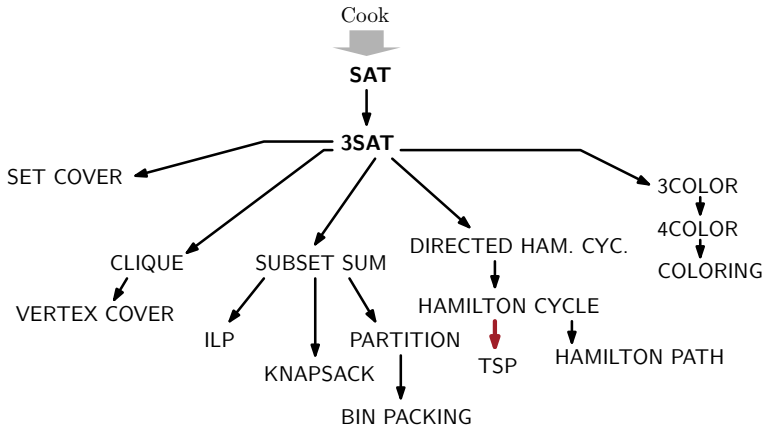
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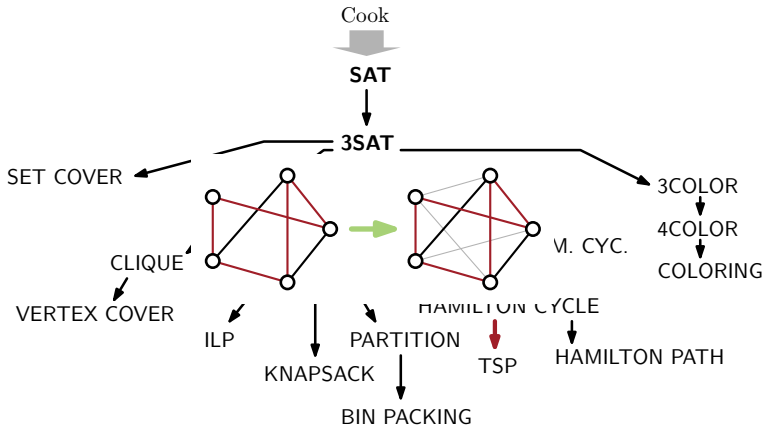
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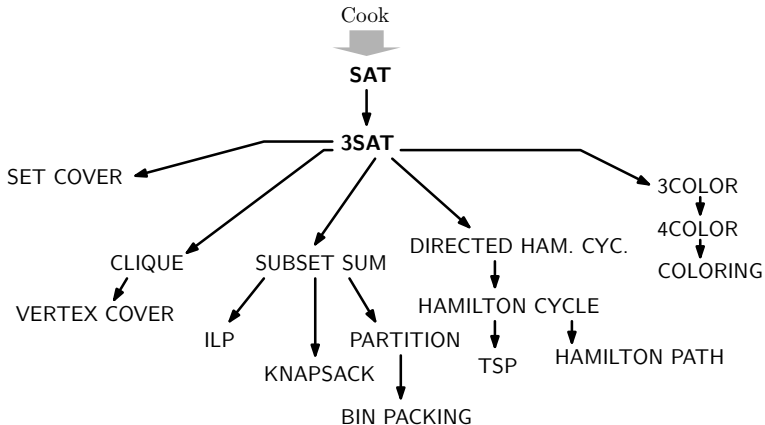
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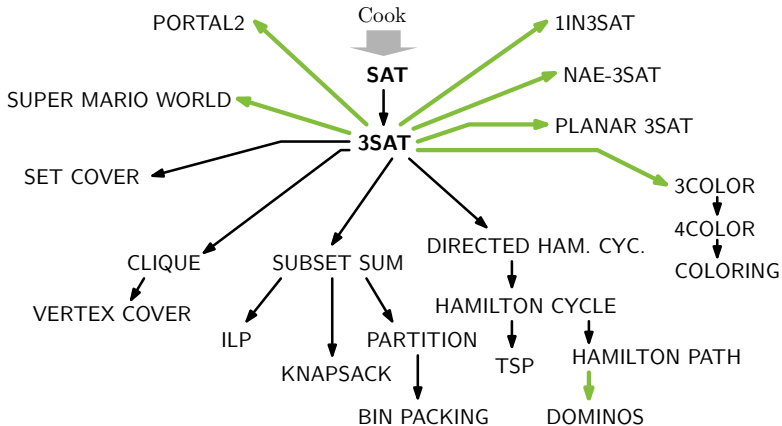
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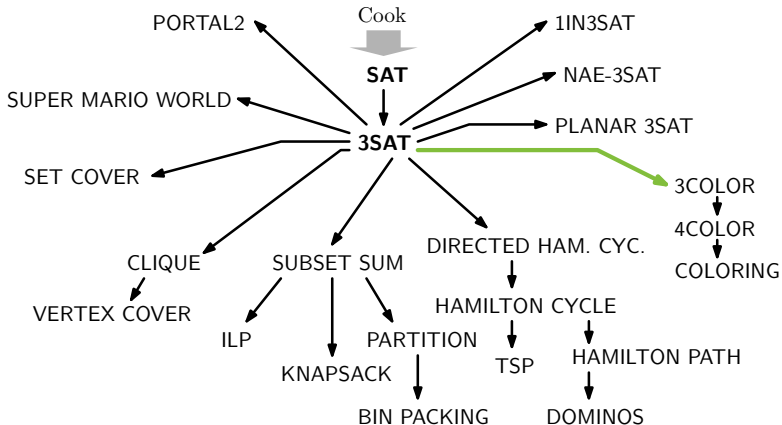
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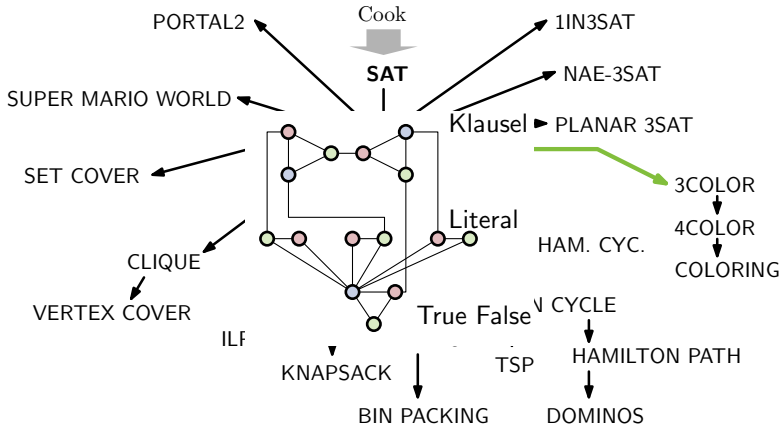
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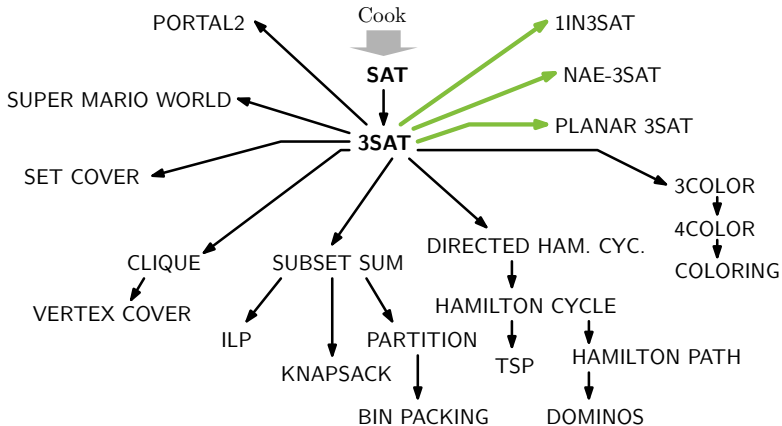
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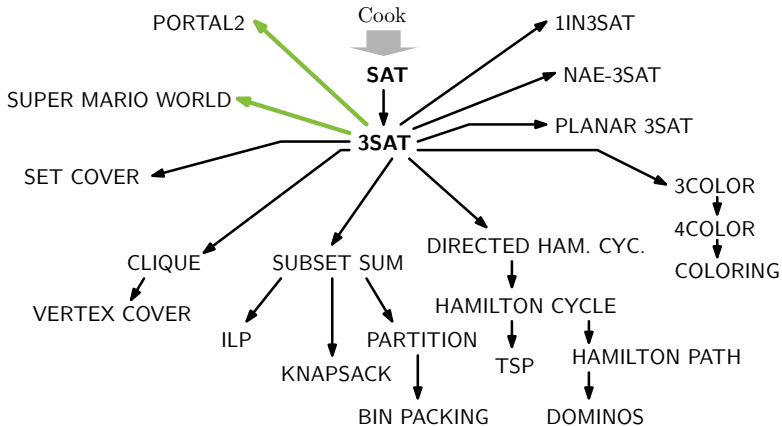
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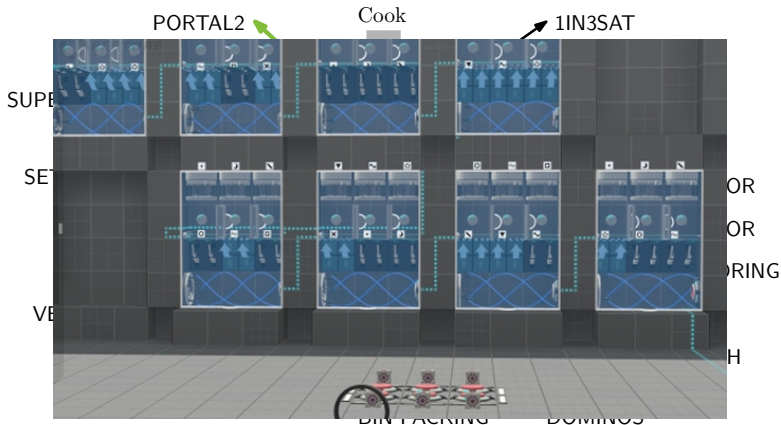
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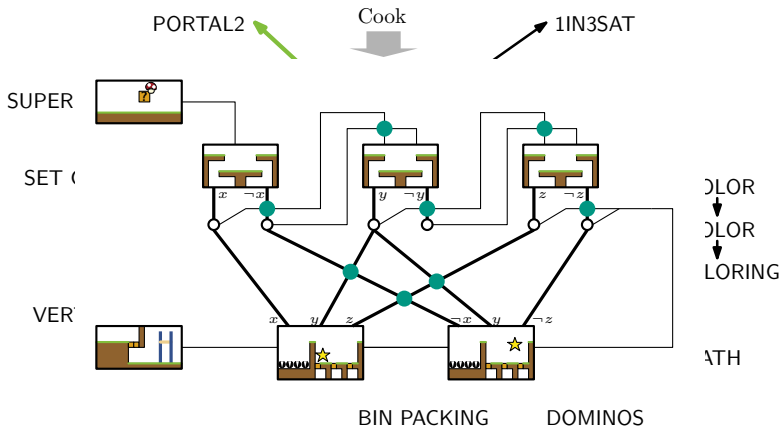
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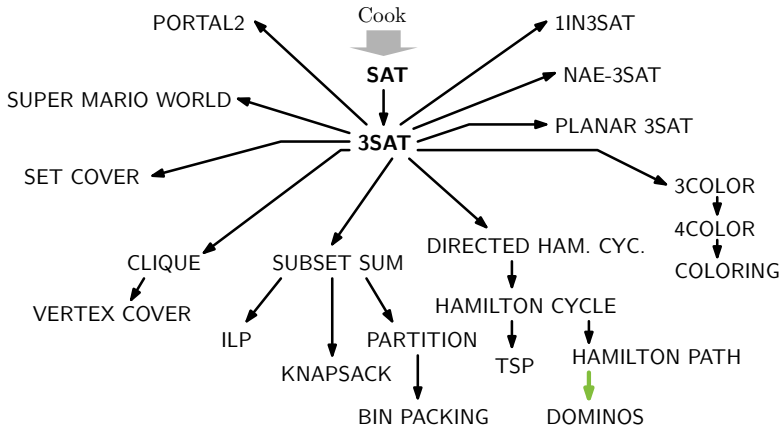
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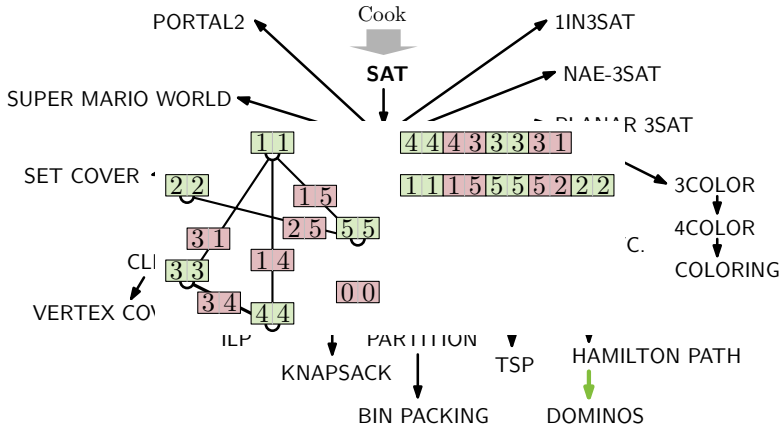
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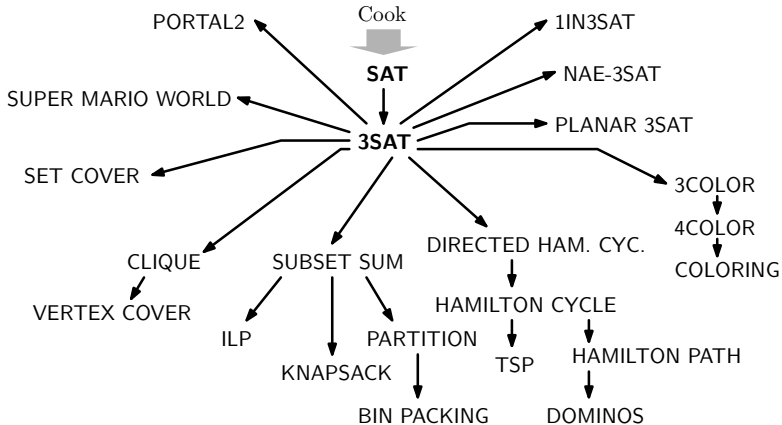
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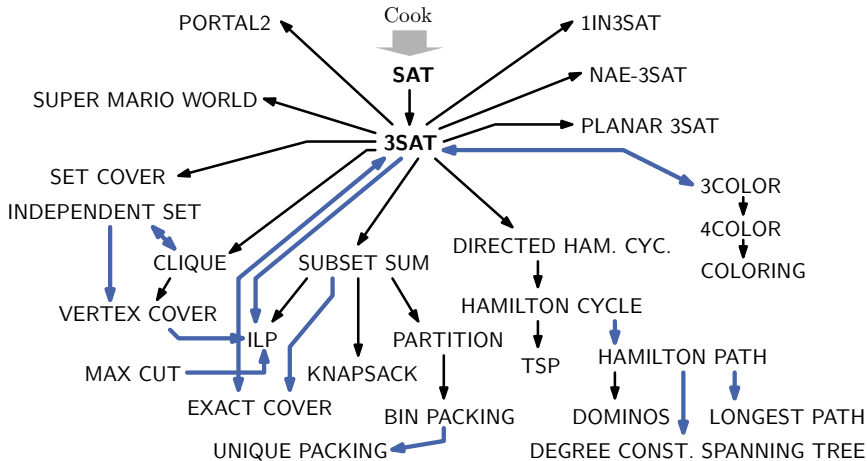
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