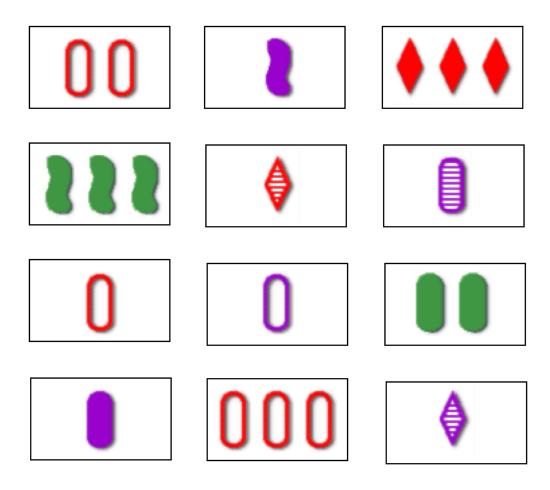
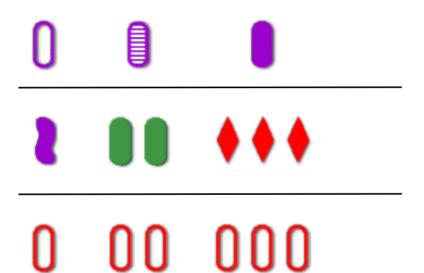
10/15/2016 OneNote Online

Game of Set

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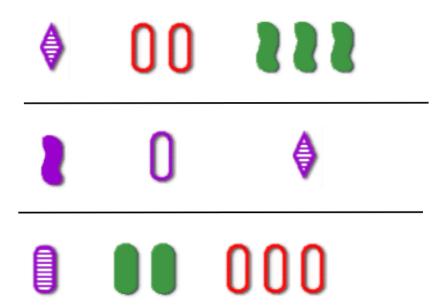


Possible sets



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Possible sets



CSP

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Constraint Satisfaction

- Find a state config that doesn't violate coordinate

(non-segrential)

- State: A set of variables X, , Xz, Yz; " Xn pack of which can take a different vale

- Domain! Each varieth X; has a corresponding set of values it can take D;

- Constraint: (1, (2, 1.. (n each involving a number of variables & specifing legal values

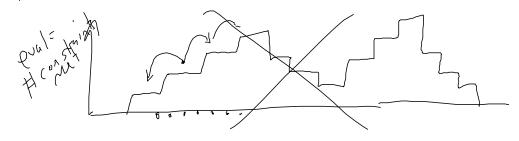
- Solution' An assignment of values to variables

{ X; = V; X = V, ...}

You don't know the goal > Not Ax (Not sequential)

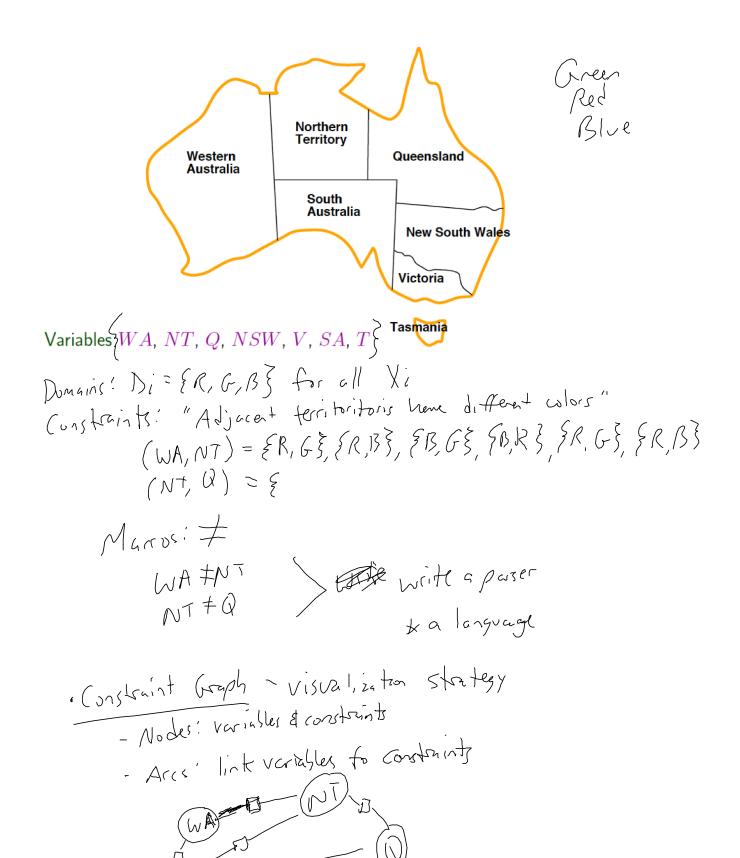
Not hill-climbing > doesn't governtee apprimal solution

You have to find the optimal solution



Map coloring

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Minary Constraints: 2 variables

Unary constraints: Q = FR?

Unary constraints: Q = FR?

High-Breer constraints: (T=SA or T=V)

(SA)