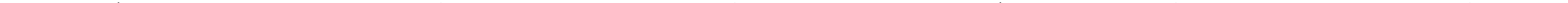
Bounding Chains



Start with all possible states and keep track of various equivalence classes

Equivalence class: States following same transition

M is bounding chain of M' if there exists coupling between M and M' such that

$$X_v^{'t} \in X_v^t, \forall v, \implies X_v^{'t+1} \in X_v^{t+1}, \forall v.$$

Idea:

Bounding Chains

M is bounding chain of M' if there exists coupling between M and M' such that

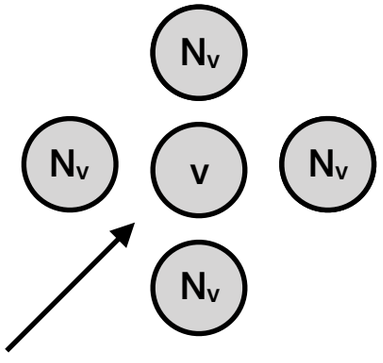
$$X_v^{'t} \in X_v^t, \forall v, \implies X_v^{'t+1} \in \tilde{X}_v^{t+1}, \forall v.$$

Idea:

Start with all possible states and keep track of various equivalence classes

Equivalence class: States following same transition

Bounding Chains



Voxel