BDD Image Computation

- Current reachable states are BDD R

  - Over variable set V

- Compute next states with:

  - $N := \exists V \, T(V, V') \wedge R(V)$

  - Existential is cofactoring: $\exists x \, f(x) := (x \wedge f|_x) \vee (\neg x \wedge f|_{\neg x})$

    - aka Shannon Expansion

- Grow reachable states

  - $R = R \vee N[V'/V]$

  - Map next-state variables to current state, then add to reachable states