







Recap: YieldsLet c be any element of $\Sigma \cup \{\varepsilon\}$,
Let γ_1, γ_2 and γ be any elements of Γ^* , and
Let w be any element of Σ^* .Then:
 $(q_1, cw, \gamma_1 \gamma) \vdash_M (q_2, w, \gamma_2 \gamma)$ iff $((q_1, c, \gamma_1), (q_2, \gamma_2)) \in \Delta$.
Let \vdash_M^* be the reflexive, transitive closure of \vdash_M .
 C_1 yields configuration C_2 iff $C_1 \vdash_M^* C_2$

Recap: Nondeterminism

If *M* is in some configuration (q_1, s, γ) it is possible that:

- Δ contains exactly one transition that matches.
- Δ contains more than one transition that matches.
- Δ contains no transition that matches.















































