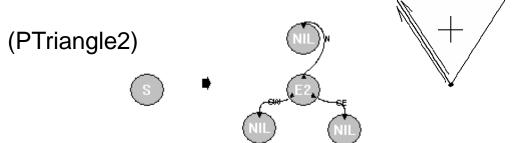
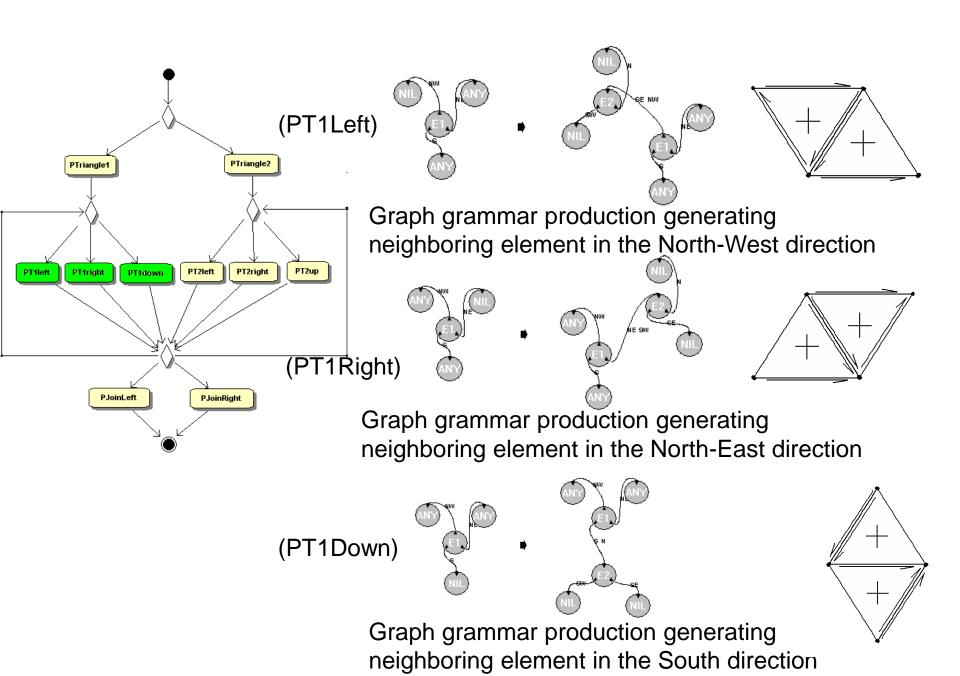
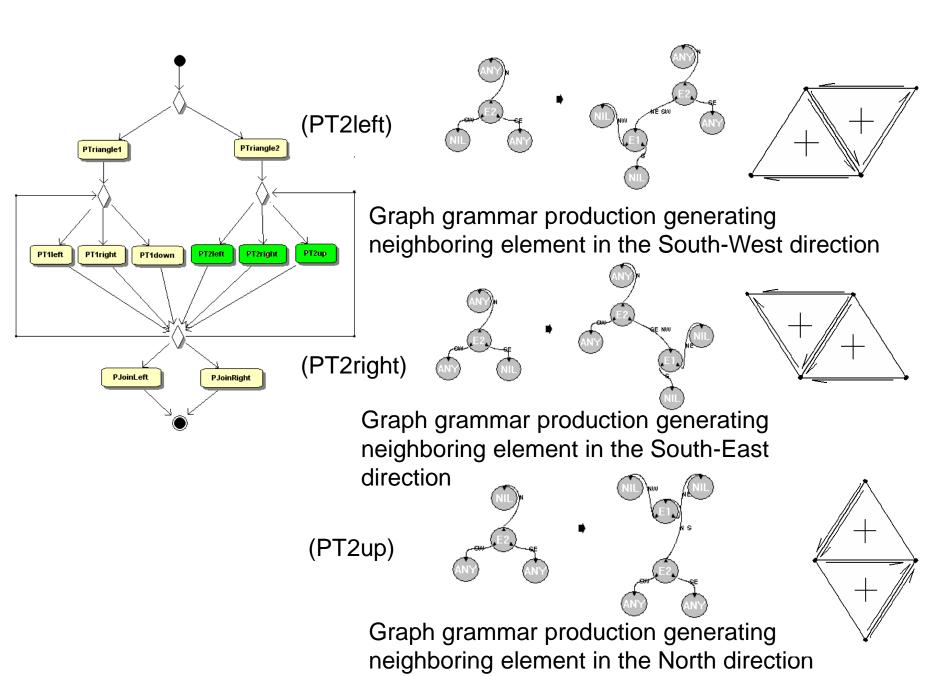


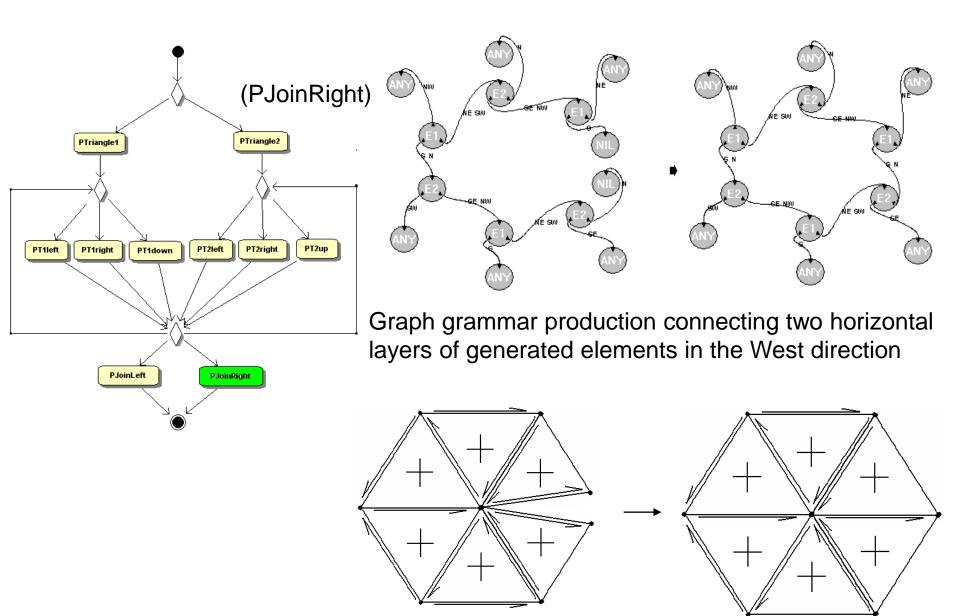
Graph grammar production generating triangular element of type-1

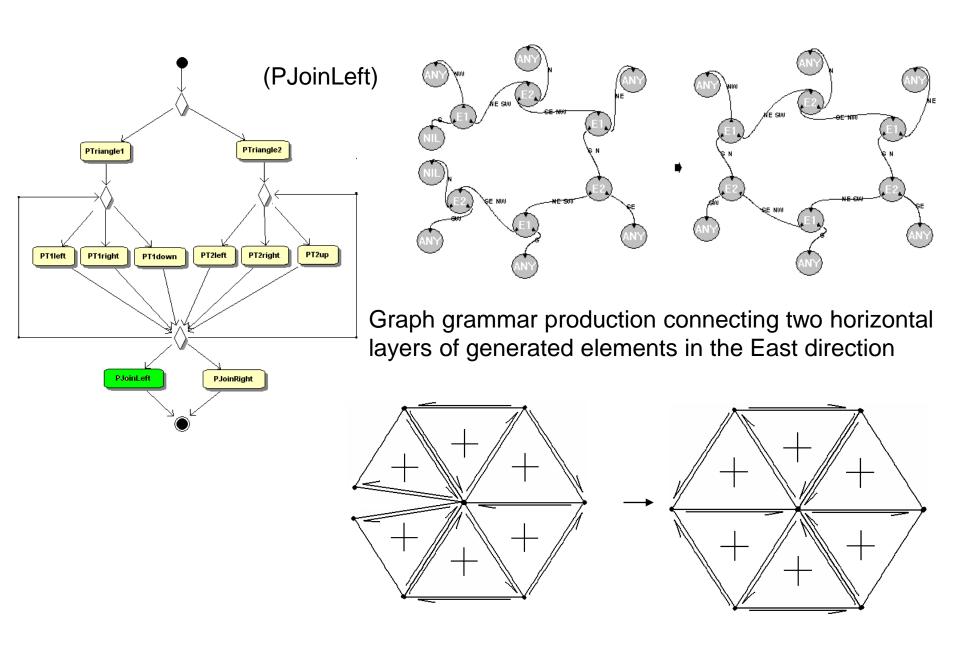


Graph grammar production generating triangular element of type-2 (upside-down triangle)

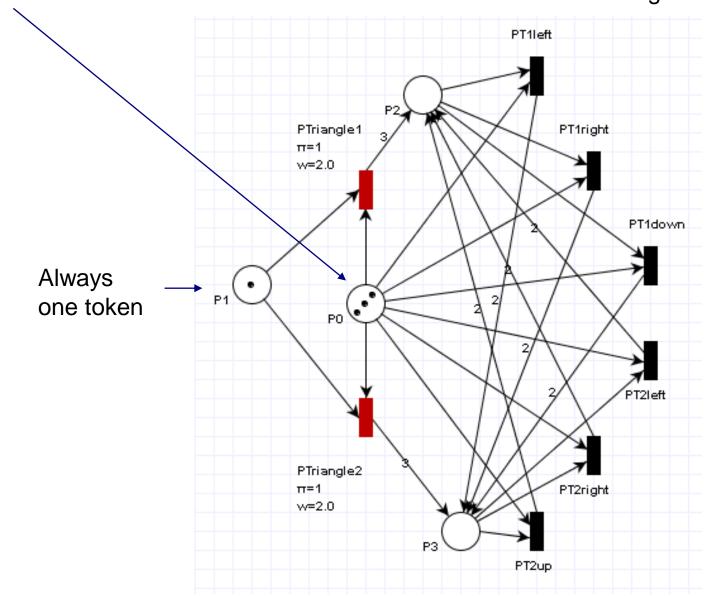


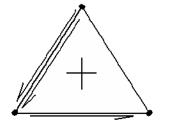


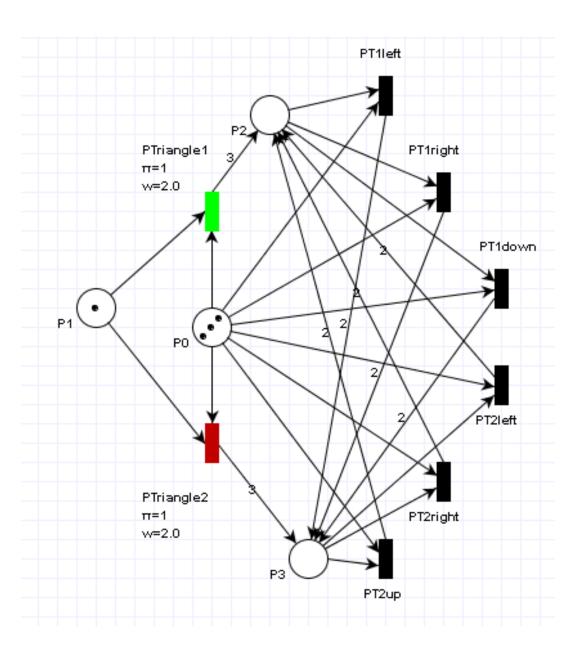


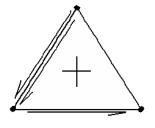


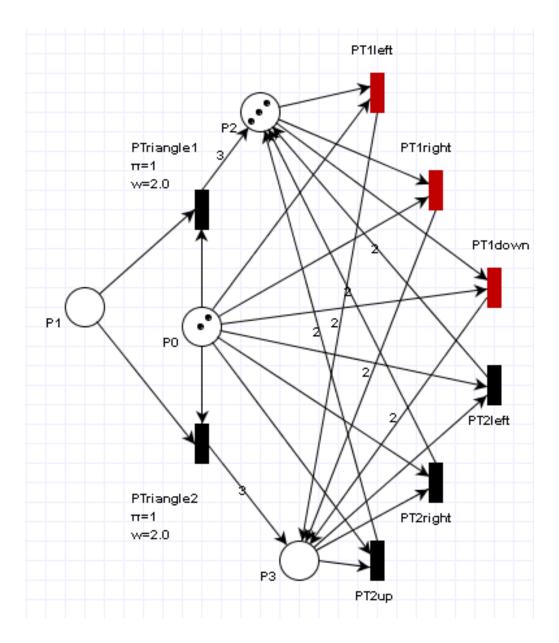
Number of tokens in the state P0 = number of elements to be generated

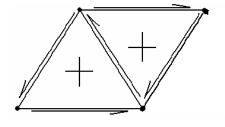


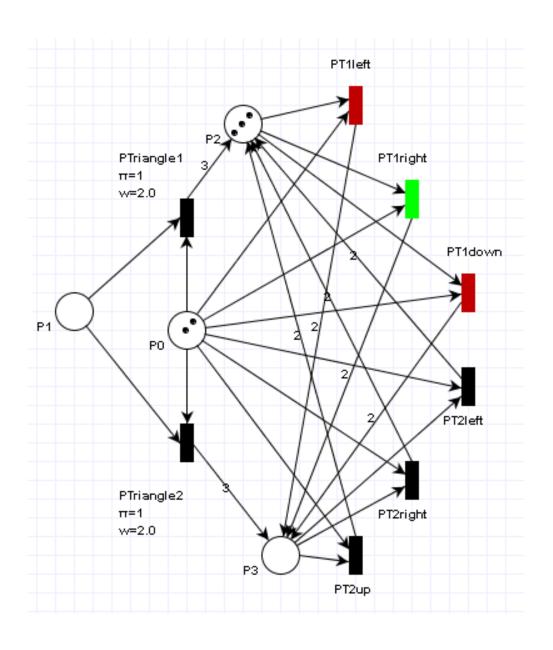


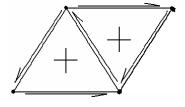


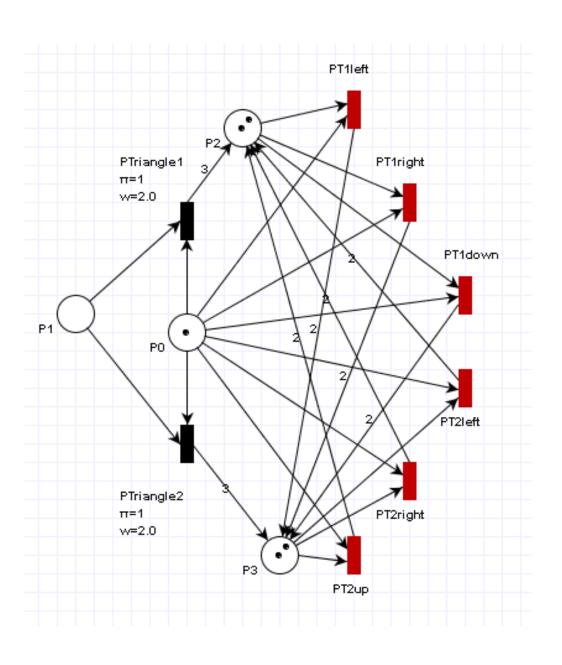


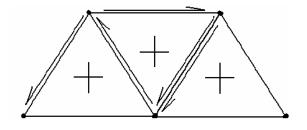


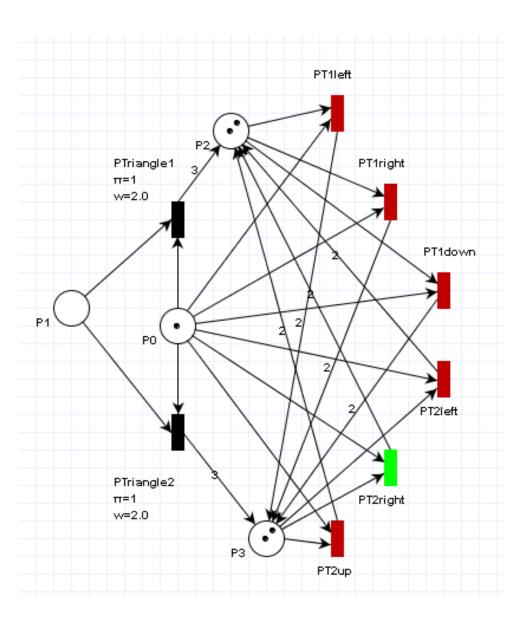


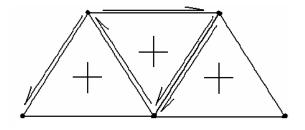


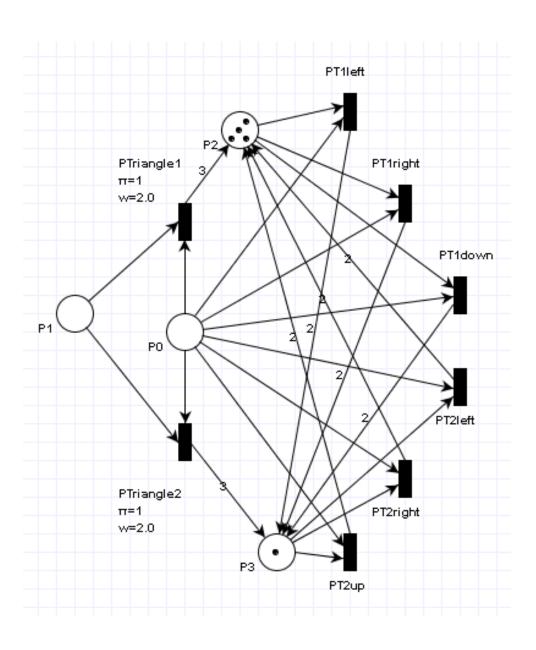








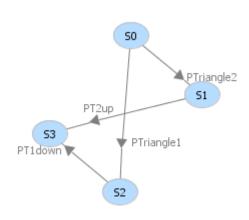




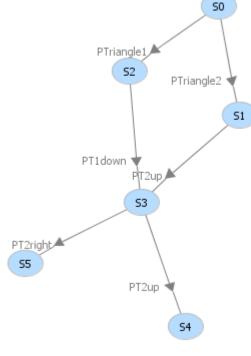
REACHABILITY GRAPHS



Reachability graph for 1 element



Reachability graph for 2 elements



Reachability graph for 3 elements

Petri net state space analysis results

Bounded true
Safe false
Deadlock true

Deadlock here means actually the end of the generation process