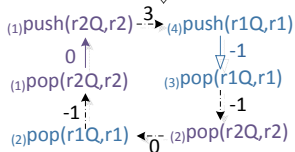
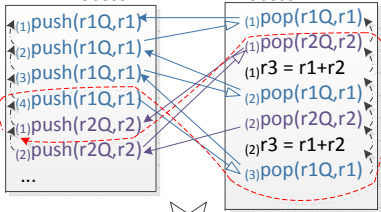


Artificial Deadlock

Process 1

Process 2

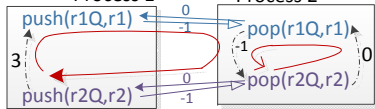


Cycle of Instruction Instances (C_v)

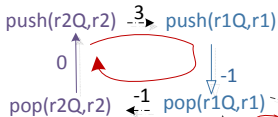
Precedence Graph

Process 1

Process 2



Cycle weight = 1



Decomposition into cycles in the precedence graph

Cycle weight = -1