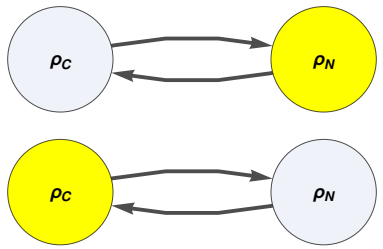Root–shoot model. Cycle-free versions of graph for the auxiliary variables. Yellow: auxiliary variables that when buffered interrupt all cycles in the graph.
Do not show redundant solutions (that just add buffers to ready solutions with less buffers).

Number of buffers: 0

Number of buffers: 1

Number of buffers: 2