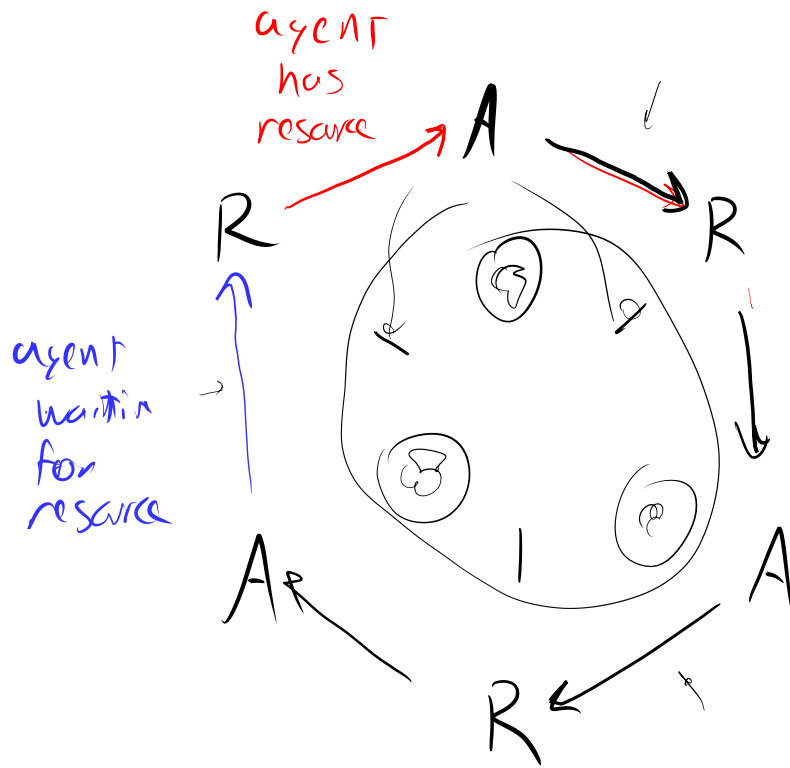


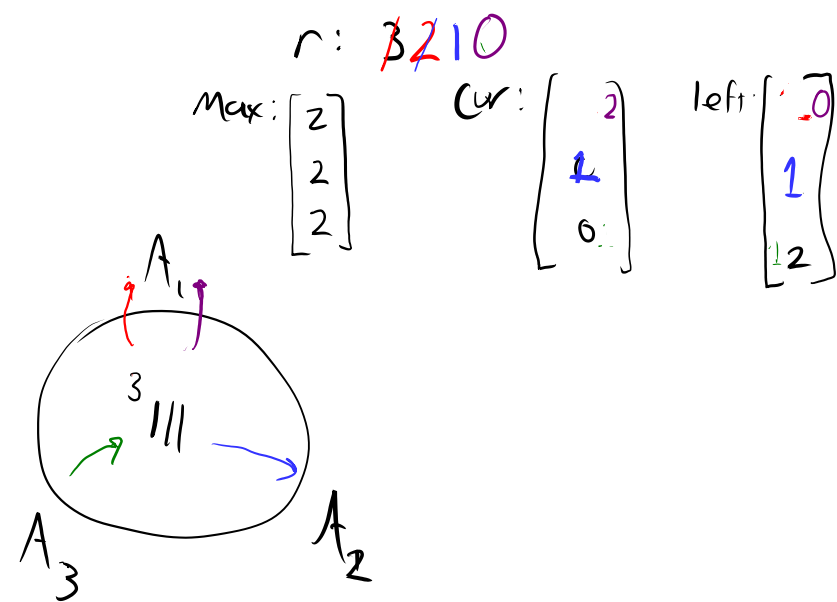
got it
lock (man)
No



kill an Agent
cause wait list to fail

Bankers alg

- wait more often — wait if deadlock not impossible
- req. max # of Resources / agent
- Track # of resources each agent has unused
- ensure next req. lets some Agent finish



Advan. $[0, 0, 0]$

Max $\begin{matrix} R_1 & R_2 & R_3 \\ A_1 & \begin{bmatrix} 1 & 0 & 1 \end{bmatrix} \\ A_2 & \begin{bmatrix} 1 & 1 & 0 \end{bmatrix} \\ A_3 & \begin{bmatrix} 0 & 1 & 1 \end{bmatrix} \end{matrix}$

Col $\begin{bmatrix} 1 & 0 & 1 \\ 0 & 1 & 0 \\ 0 & 0 & 0 \end{bmatrix}$

$\begin{matrix} \times \\ \times \end{matrix} \begin{bmatrix} 0 & 0 & 0 \\ 0 & 1 & 0 \\ 0 & 1 & 0 \end{bmatrix}$

