

# California dream

Initial

$$G^+ \begin{pmatrix} C_m^+ \\ \vdots \\ \vdots \\ G^+_{m,m} \end{pmatrix}$$

$$\begin{pmatrix} C_m^+ B & | & A & B & | & G^+_{m,m} & | & G^+_{m,m} A & | & E & G^+_{m,m} & | & C_m^+ A \end{pmatrix}$$

$$\begin{pmatrix} G^+_{m,m} & | & G^+_{m,m} & | & C_m^+ B & | & A & B & | & G^+_{m,m} & | & G^+_{m,m} & | & C_m^+ B \end{pmatrix}$$

$$(A \ B \ | \ G^+_{m,m} \ | \ G^+_{m,m} \ )$$

~~$$\begin{pmatrix} C_m^+ B & | & A & B & | & G^+_{m,m} & | & G^+_{m,m} \end{pmatrix}$$~~

intermediate

$$\begin{pmatrix} C_m^+ & | & \vdots & | & C_m^+ & | & \vdots & A & | & E & G^+_{m,m} & | & C_m^+ A & | & G^+_{m,m} & | & G^+_{m,m} \end{pmatrix}$$

$$\begin{pmatrix} C_m^+ B & | & A & B & | & G^+_{m,m} & | & G^+_{m,m} & | & C_m^+ B & | & A & B & | & G^+_{m,m} & | & G^+_{m,m} \end{pmatrix}$$

$$\textcircled{A} \begin{pmatrix} C_m^+ B & | & A & B & | & G^+_{m,m} & | & G^+_{m,m} A & | & E & G^+_{m,m} & | & C_m^+ A & | & G^+_{m,m} & | & G^+_{m,m} \end{pmatrix}$$

$$\textcircled{B} \begin{pmatrix} C_m^+ B & | & A & B & | & G^+_{m,m} & | & G^+_{m,m} & | & C_m^+ B & | & A & B & | & C_m^+ B & | & A & B \end{pmatrix}$$

$$\begin{pmatrix} C_m^+ B & | & A & B & | & G^+_{m,m} & | & G^+_{m,m} & | & G^+_{m,m} & | & C_m^+ & | & \text{Final} \end{pmatrix}$$