

## **Finding a Transition Matrix**

Finding 
$$P_{B\rightarrow A}$$
:  $* \begin{bmatrix} A & B \end{bmatrix} = \begin{pmatrix} 1 & 1 & 1 & 0 \\ 1 & 2 & 0 & 1 \end{pmatrix}$ 

$$I \leq |A| = |A$$

Note: 
$$(P_{B\rightarrow A}) = P_{A\rightarrow B}$$
  
Note:  $W_A = P_{B\rightarrow A} \cdot W_B$   
 $W_B = P_{A\rightarrow B} \cdot W_A$ 

