

$$m_{\alpha \rightarrow i}(x_i) \leftarrow \max_{y: y_i = x_i} \psi_{\alpha}(y) \prod_{j \neq i} m_{j \rightarrow \alpha}(y_j) \qquad m_{i \rightarrow \alpha}(x_i) \leftarrow \prod_{\beta \neq \alpha} m_{\beta \rightarrow i}(x_i)$$