

$$K^{A,\beta}_A$$

$$\pi^{A,\beta}_N$$

$$F_{N,A}$$

$$\hat{x}^{A,\beta}_N = F_{N,A}^A \star \left(K^{A,\beta}_A \cdot F_{N,A}^N \star \pi^{A,\beta}_N \right)$$

$$\hat{x}^{A,\beta}_N$$