$$1 \qquad 2 \qquad 4 \qquad m \in \mathcal{M}_n$$

$$\downarrow w \qquad 1 \qquad 1 \qquad d \qquad s \in \tilde{\mathcal{M}}_n$$

$$\rho_0 \qquad \rho_1 \qquad \rho_2 \qquad \rho_3 \qquad \cdots \qquad \rho_n \qquad \rho_{n+1} \qquad \rho \in [0, \rho_{jam}]^{n+2}$$