Exponential RNM: Difference of empirical probability

$\mathcal{M}$ is $(\varepsilon^{\mathcal{S}}(2, m, M))$-DP

$\mathcal{M} \circ \mathcal{S}$ is $(\varepsilon^{\mathcal{S}}(2, m, M))$-DP

$\varepsilon^{\mathcal{S}} = 2$