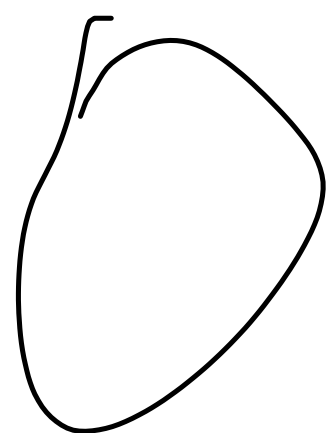
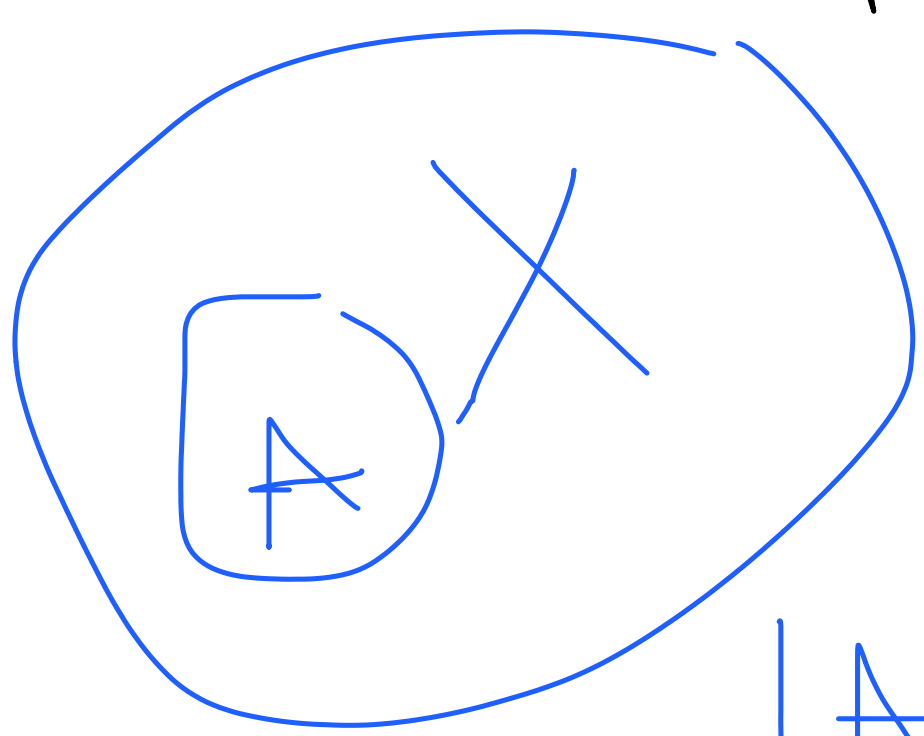


Top  $\vdash$  Simplex sets

Finite metric  $\vdash$



space

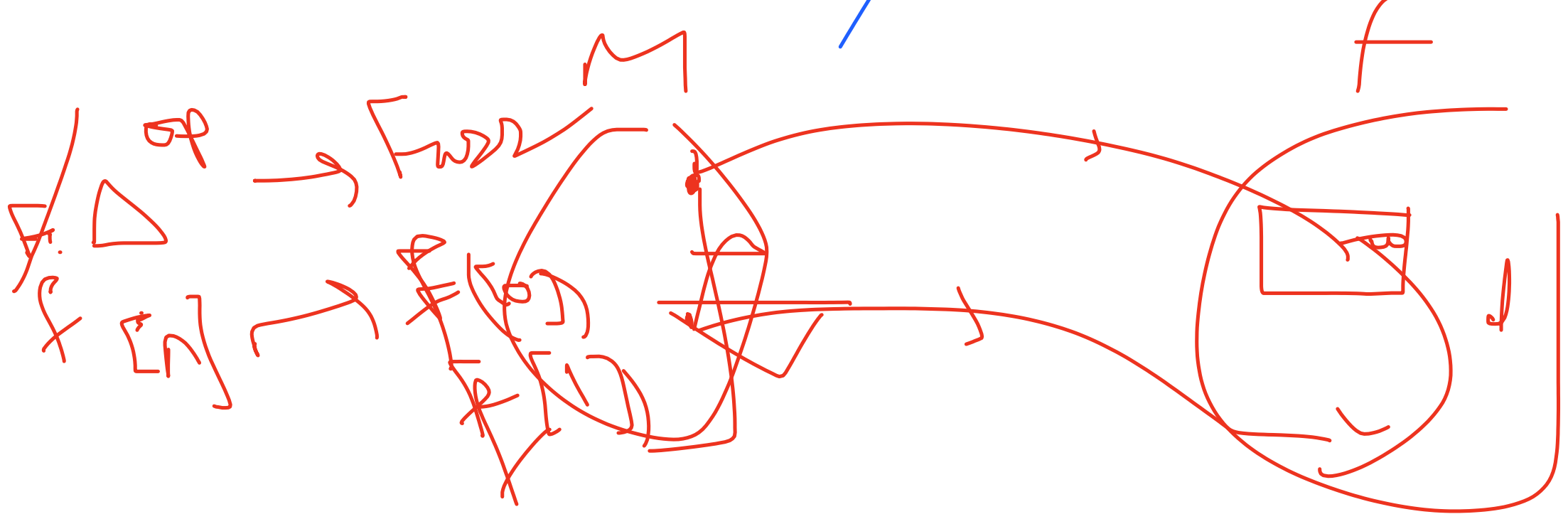
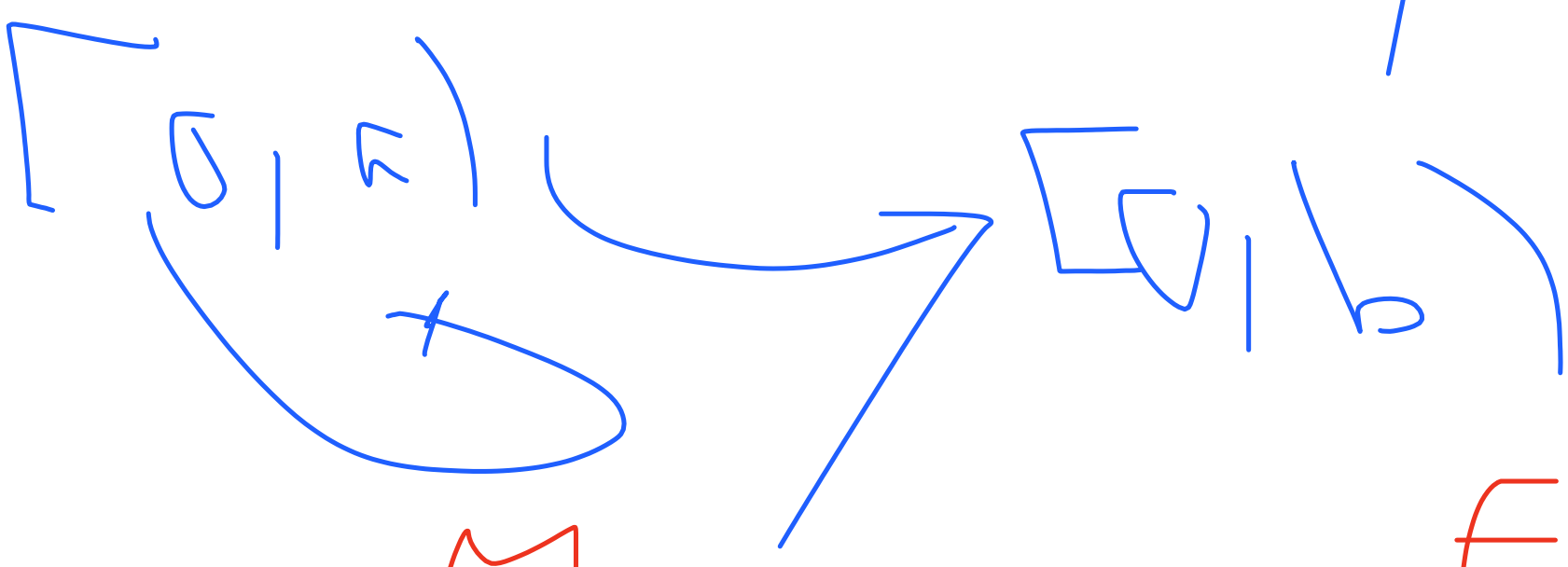


$I_A(a) = \begin{cases} 1 & \text{if } a \in A \\ 0 & \text{if } a \notin A \end{cases}$

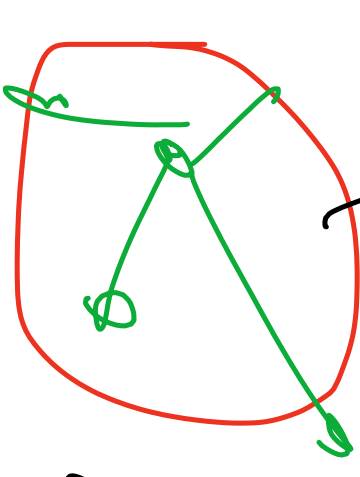
$(A, m_A) \text{ } m_A(n) \in [0, 1]$

$(\frac{1}{2} | \frac{1}{3}) \subset [0, 1]$

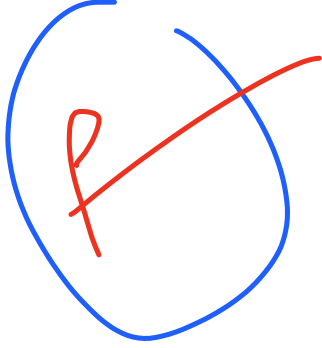
$a < b$



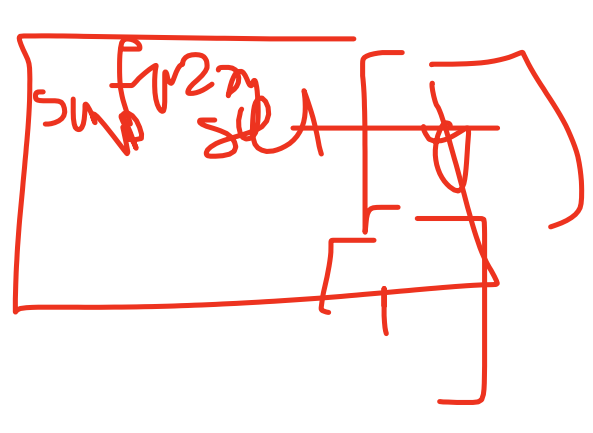
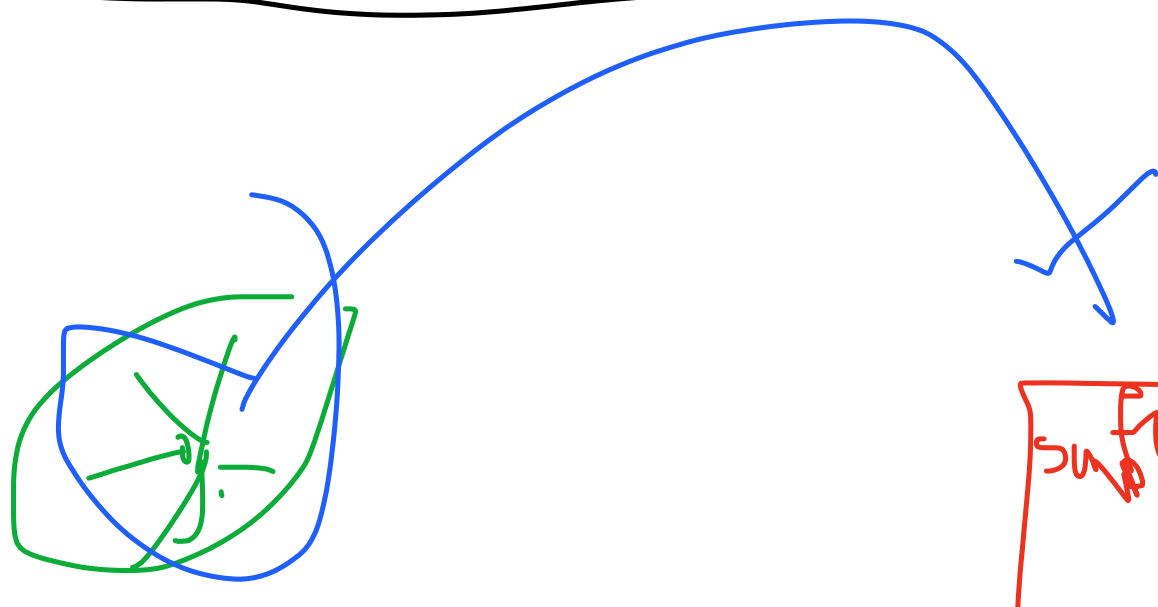
KN



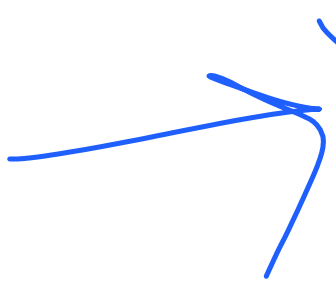
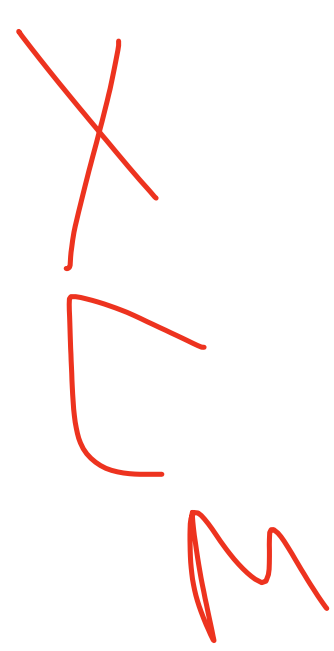
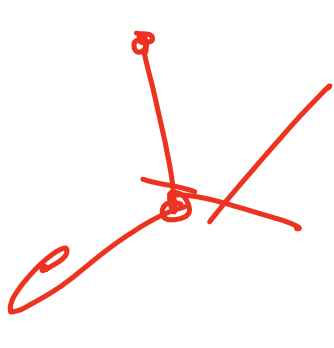
F



$F: FinEPMA \rightarrow Fin-Set$



0



$\mathbb{N} = \{1, 2, 3, \dots\}$

KN



top rep

optimal Zp

