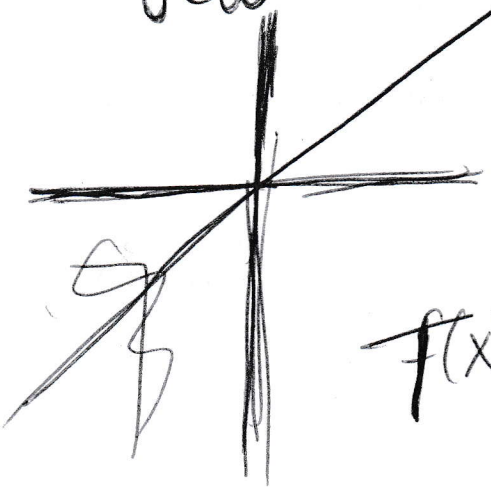
$\det(J_k(\bullet, t)) \neq 0$

$\mathbb{R}$

$J_k : \textcircled{H} \times ((a,b) \setminus T) \to \mathbb{R}^{m \times m}$

$\sum_{j \in W} p(T_j)\, \mathbb{1}[p(T_j)$ is the k-th min p-value



$f(x) = \mathbb{1}[A]\, f_1(x) + \mathbb{1}[x \in B]\, f_2(x)$

$\Rightarrow$

$\mathbb{P}(f(x) \leq x) = \mathbb{P}(f(x) \leq x, \ldots), \ldots$

Discuss theory with Dan