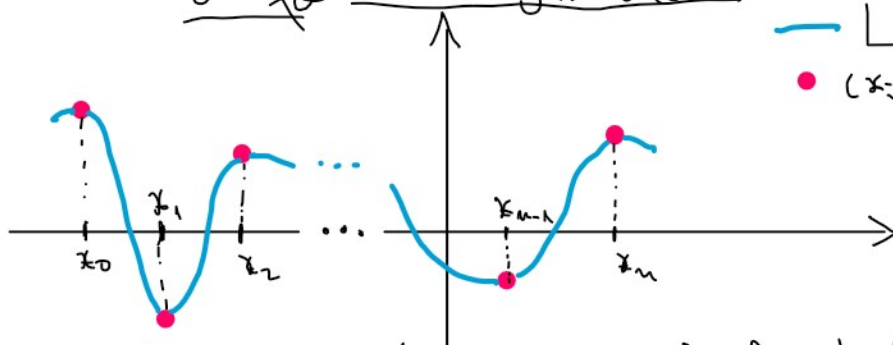


conditio

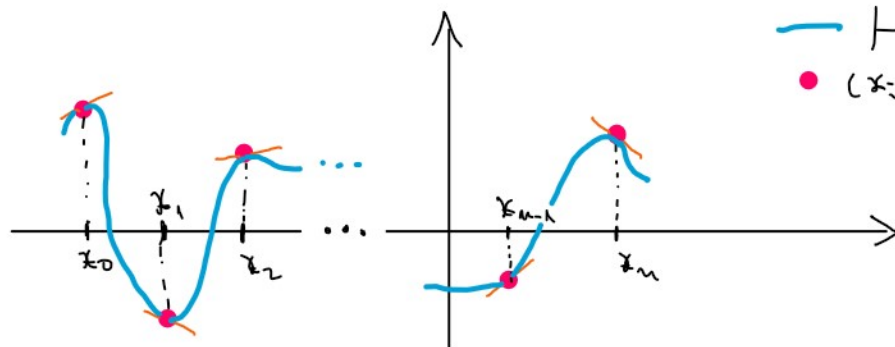
$$\widehat{L}(x_i) = f_i, i = \overline{0, n}$$

- (x_i, f_i) $\text{grad } L \leq \text{nr. cond.}^{-1}$



Input: x, f, X Output: $L(x)$

Interpolare Hermite cu noduri duble



— H
• (x_i, f_i)

$$H(x_i) = f_i$$

$$H'(x_i) = 0 \neq f_i$$

$$\lambda = 0, \mu$$

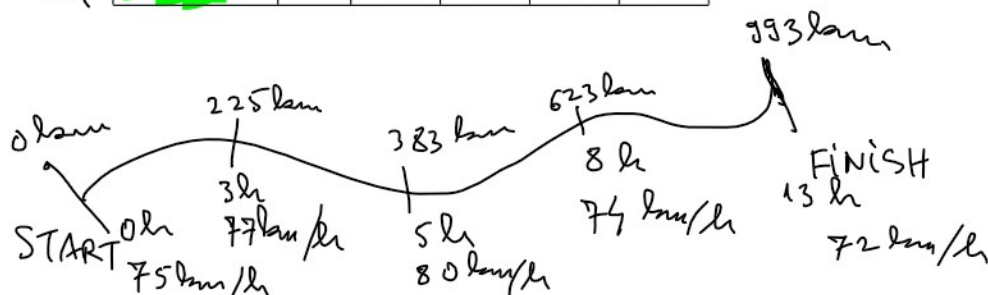
$$\text{grad } H \leq \underbrace{\text{nr. cond.} - 1}_{2M+1}$$

Input: x, f, df, X

Output: $H(X), H^1(X)$

Timpul	0	3	5	8	13
Distanța	0	225	383	623	993
Viteza	75	77	80	74	72

v_{med} = derivata distanței
în funț. de timp



$$\underbrace{d'(t)}_{v(t)} = \lim_{\Delta t \rightarrow 0} \frac{d(t + \Delta t) - d(t)}{\Delta t}$$

Tenă: recharizati funcția Hermite.