

min  $\sum_{\kappa} e_{i'}$ | y - (an; +5) | < e. \_\_ 1 norm. min. Zei by - (ax+ b) < e. - (y: - (ax:+6)) <e. ei 20 min  $\sum_{i=1}^{N} e_{i}$ 

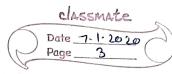
ware of pis.

min (y, - Cano +b)

norms

MSE L2

Fronzer man, 24



_		
	fit a line in to norm -> hard	
	LI norm >> LP	
	12 norm -> easy	
	Loo norm ->?	3 · · · · · · · · · · · · · · · · · · ·
_		
_	pattern classification as LP.	
	y=axt	h
	NI XX X	) ½ ′.,·
		max, s
	× × > 0	y 1, ax + 6+8 N, con
	8 0 0 6	
	0	y: < ax; + b - 8 Ne cons
	The same of the sa	·
	Shortest path	
	minimum	
		<u> </u>
		· 
	MAN FLOW PROBLEM	
	10 5	algorithm design Strategy
	(4)	
	10	
	max f(su) + f(su)	
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