温地如. 10205501432, 数学基础作业1 1. 13 明: 排資性: max 1a:170且 max 1a:1 =0当且仅当A=0. ·汉性: My HIER, 有 111Allmo = max 1 lai; Rimax laist = 121 11 Allmos 三角不等式: V. A. BERMX. 在 + Bllmo. = max |aij + bij | 5 |aij | + 1bij | 综上由11Allu 至义的11·11mv.是又mxm上的1大次降降散 ||A|| 1 = max \ Z | |aij| = max \ |11+ |1 | , |2| + |0| \ \ = 2. max = |aij = max {1-1/+1/1,10/+/=13=2. $\frac{21}{2}\begin{pmatrix} -1 & 0 \end{pmatrix} = \begin{pmatrix} 2 & 2 & 2 \\ 2 & 4 \end{pmatrix}$

to 11A2/2 = N345. 11A2110 = max = 12/3= = max [1-11+101, 11+12]=3. 4.11). 76: \$\frac{1}{2} \displies 11A||_1 = \frac{500}{1000}||=1 ||A \times ||_1, \\ \frac{1}{2} A = (a_1 \ldots a_n), ||a_j \cdot ||_1 = max ||a_j \cdot ||_1 = \frac{5}{2}. 3 E R. //x//1 = 1. $\frac{\sum_{i=1}^{n} |x_{i}|^{2} |x$ 冬 ejo E 尺1、 等jo 与元素,为1. 其余元素,为 記り11 ejol1=1月. 11 A ejol1,=11 ajol1,=) 11 Ax /10 = Sup = 1/ Ax/100 大文 7/2 1×11 ≤1. 10×11A×110 ≤ max 至, 1a. 4= max 2, 1 a; 1= 2, 1 a4/ (3: do = (sgn(aki)、 sgn(akn)) sgn(x)={1 関カテAナの これは「電力大行力の以有数点」 ·おえ11×0110 = 1. A 11A x 1/0 = = 1 | 1akj | = 4. the;] x = x0. 1|x110=1, s.t. 11Ax110=1 JI

to 11 Alla = 4 = ma	x × lail			
は 11A11m = y= mg (2).1- 花数な家。	x 31/2 2	1. 10. H	S AS FIFE	TA 3120
4 In	X 3 7 Y (W	11 10 /8	× 13 (1)	rj bej g
2 do. h2. tg: 11 A 11 e1 €	n 11/11			
mx./13: 11711/1 E	/\ (1/2+1/).	·	1	
				
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