```
CVI12

15.2 \max\{\tilde{\Sigma}_{c;X} \mid -1 \leq X; \leq 1\}

\max\{\tilde{c}^{T}x^{'}\} - 1 \leq X; \leq 1\}

a) c_{1} \geq 0 \Rightarrow x_{1} = 1

c_{1} < 0 \Rightarrow x_{2} = -1

b) \max c^{T}x

2 \cdot \beta \cdot x_{2} = -1

x \leq 1

Mejoptimalnejši rešeni bade, když

+y_{1} + y_{2} = |c_{1}|
```

-41+242-43 = O

b) minf max" | a; -x| | x 6 12 } MEX man 2 Min Z 2P. 01-x-2<0 -(aj-x)-250 11 By-X-3 < 0 -(Bn-x)-250 XER max (41:-42).0: Min B-X-5≤-ax y₁ €0 y2 ≤ 0 x - ≥; ≤ 0; y1+42=1 -x - 2=0n 41-42=0 x - 3: = 0" 8) ii) min max (a, x+b;) min max { a1x+b1,..., a1mx+6m} min Z Min 2 0,x+6, €0 ak = b 91×5-64 BMX + bm =0 Omx = - 6m min 2; max 41.0, +6; 0x-3=6 8 < 0 Z; ER ay = 1 XEIR