

HOMEWORK #1 SOLUTION

Yihua Guo (yhguo@umich.edu), Qi Chen (alfchen@umich.edu), Tianyi Ma (mtianyi@umich.edu)

1. EXERCISE 1.1 CONVERT TO STANDARD FORM
2. EXERCISE 1.2 WEAK DUALITY EXAMPLE
3. EXERCISE 1.3 CONVERT TO \leq FORM
4. EXERCISE 1.4 $m + 1$ INEQUALITIES
5. EXERCISE 1.5 WEAK DUALITY FOR ANOTHER FORM
6. EXERCISE 1.6 WEAK DUALITY FOR A COMPLICATED FORM
7. EXERCISE 1.7 WEAK DUALITY FOR A COMPLICATED FORM — WITH MATLAB