

CSC373 Worksheet 6

August 12, 2020

1. **CLRS 29.1-4** Convert the following linear program into standard form:

Minimize

$$2x_1 + 7x_2 + x_3$$

Subject to

$$x_1 - x_3 = 7$$

$$3x_1 + x_2 \geq 7$$

$$x_2 \geq 0$$

$$x_3 \leq 0$$