

SOLUTIONS TO EXERCISES

[Last updated 7/7/2015]

Chapter 8.

1. A congruence relation, for integer programs, checks if two numbers are congruent modulo 1. So, the number $-\frac{1}{4}$ is not congruent to $\frac{1}{4}$.
2. If the integer requirements on the variables of an integer program are dropped, then the resulting linear program is the associated linear program.
3. They have a greatest common divisor of 1.