

## MATHEMATICS FOR ECONOMICS

### PROBLEM SET 6

The problems came from Simon and Blume (1994).

Chapter 17: 1, 2, 3, 4, 5, 6, 7, 8, 11, 12

In addition, you are asked to answer the following open question in Note 6

1. Provide a proof for Theorem 8 (**Convex solution set**).