

### Homework 3 (due Thursday 20 September)

Exercise 18:1 from the lecture notes, which is Exercise 1.5.17 from the Syllabus.

- 18:1. Suppose that  $B = A \oplus \bar{A}$  for some set  $A \subseteq \mathbb{N}$ . Show that  $B \leq_m \bar{B}$ .  
[30 pts]