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-- all the homeworks we have received so far are very good.

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I. The homework questions.

Homework 7

Do at least one of the following exercises.

1. Problem 1 from Lecture 4, repeated here. Do it now if you didn't do it before.
Consider the homomorphism from the algebra on the set N of natural numbers with addition and multiplication to Parity (see example above). Write down (a) the kernel equivalence of this homomorphism, (b) the corresponding quotient algebra, and (c) the commutative diagram.
2. There are some questions interspersed in the handout; answer some of them (the more, the better).

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Student answers:

Solution 1: Exercises 1 and 2.

Solution2: Exercise 1.