Applied Compositional Thinking for Engineers (ACT4E)

Recital 2

Questions & Answers

Q: If we want to update our submission (before the deadline), are we allowed to push again?
A: Yes, the last push is the one that matters

Q: can you explain again the first semigroup ?
A: Done in lecture

Q: In the lemma: Should it read F;G : S -> U?
A: Yes, typo. Corrected.

Q: Can you give an example of a semigroup morphism that has NO inverse morphism, i.e. we have no semigroup isomorphism ?

Q: How about the second condition for the example of having a monoid morphism? Did you check it , as well ?
A: Done in the lecture

Q: Will the solutions of the graded exercises be published after the deadline?
A: See explanation in the lecture

Q: In the currency exchange example: is there really a identity morphism? (Identity morphisms: Currency exchanger with rate 1 and 0 commission) The question arises because the "unit" ($, CHF, ...) changes, correct?

A: Depends on the definition of the category.