Name: Ulvi Bajarani

Student ID: 20539914

The name of presenter: Dr. Robert Schweller

The topic of presentation: Universal Constructors for General Shapes with Uniform External Forces

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Questions:

1. In the paper one, there is Figure 1 describing simple examples of combinations. Why glue strength and types are different between detachment elements? And what is a difference between positive and negative strength glues?
2. In the paper three, there is a quote "In this section, we describe the assemblies, or gadgets, which are constructed from the tiles in the initial state of the replication system. These gadgets are designed to work in a temperature ⌧ = 10 system. There is a constant number of these distinct gadget types which are used to replicate arbitrarily sized input assemblies."

Why has the temperature chosen as 10, not another value?