

Homework 2:


(and out by PSL?)

(1) $\overline{\mathbb{R}^3}$



What is the compactification?

(2) $\overline{M}_{0,5}(\mathbb{R})$ is tiled by 12 copies
↑ admits real involutions

of $\overline{\mathbb{R}^5} =$ . Why and what is

$\overline{M}_{0,5}(\mathbb{R})$ topologically

(3) Use Massey products to show Borromean rings are not trivial. ($\neq 0 \cup 0 \cup 0$)

(4) free associative algebra $\mathbb{C}\langle u, v, w, \theta, \eta \rangle$
 $du = dv = dw = 0, d\theta = uv, d\eta = vw$