

Questions asked by students on 2014-02-03.

Background:

1. What is a Computer Algebra System?

Day of:

1. Is there any way to think about building “skyscrapers” for 3 dimensional simplicies and higher?
2. Would you repeat the explanation of roof line (ρ), please?
3. Could you go over the intuition/picture behind ρ a little more slowly? And ρ 's connection to D_m ?
4. Why does $\partial D + D\partial = \mathbb{1} - i \circ \rho$ give $i \circ \rho \sim \mathbb{1}$?

Connections:

1. Apart from relative homology, will we get other methods of computing homologies of quotients (maybe not just reduced)?
2. Are there any results linking $H_*(X, A)$ and $H_*(X/A)$ if (X, A) isn't a good pair?

Administration:

1. Are we allowed to drop subscripts (like in lecture) in assignments and exam?