

Tips and tricks – exercise sessions

Baptiste Chantraine

Title : Augmentations: why do we need them and what are they good for?

Abstract: We will see why augmentations are necessary to define a linear chain complex associated to a Legendrian submanifold with a Floer theoretic flavour. We will give a geometric definition of such an object and see how they can arise and what structure they give on Legendrian contact homology. This is not a course on Legendrian contact homology but more an occasion to see ideas and intuitions behind the theory.