

Recap'

<http://geometrica.saclay.inria.fr/team/Steve.Oudot/courses/EMA/index.html>

Monday:

11h-12h30: filtrations + persistence modules + decomposition theorem

16h-17h30: algorithm (w/o proof) + stability theorem (+ proof outline)

Tuesday:

9h-10h30: barcode approximation theorem + barcode window theorem

14h-15h30: offsets/Čech/Rips filtrations + stability theorem (+ proof outline)

Wednesday:

11h-12h30: clustering paradigms (variational, mode-seeking) + k-means

Thursday:

9h-10h30: Mapper's principle + Reeb graph + extended persistence