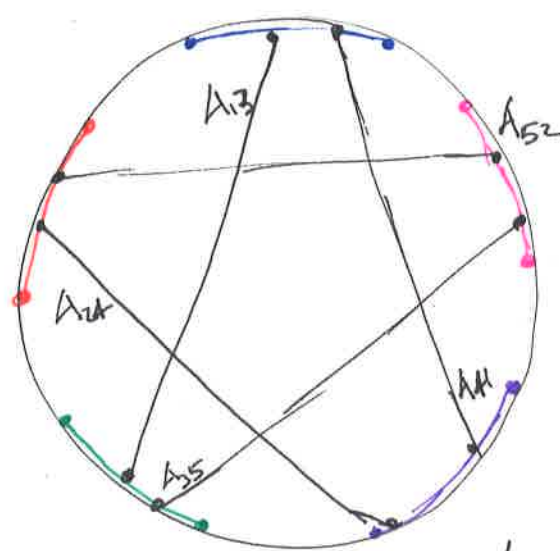
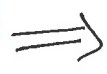
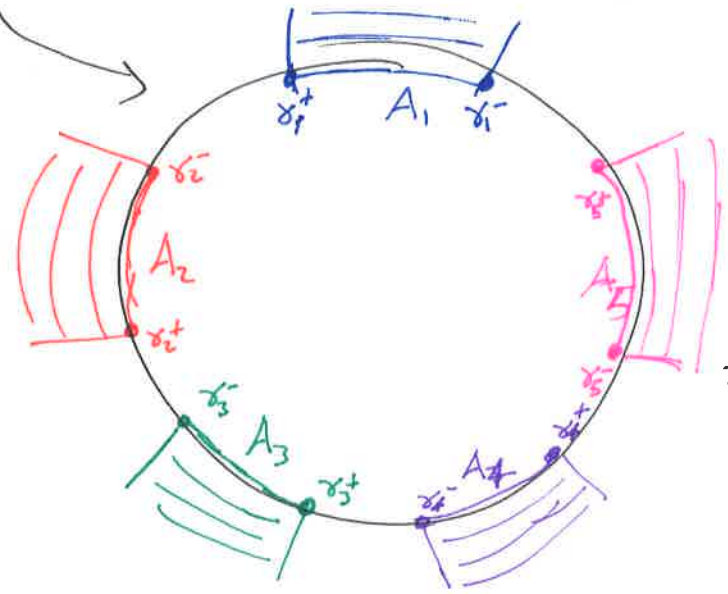


spine
C

cross section of $N(C)$



cross-sections of annuli used
to glue the Q_a