Ideally overlapping segments

This file shows the example of overlapping segments and explains the approach taken to remedy it (implemented in “removeExtraOverlappingSegments” function).

This is a graphical depiction of the overlapping segments problem drawn using XFEMM:



There are 2 ideally overlapping segments in the above plot. The purpose is to remove one of these overlapping segments from the FemmProblem struct. To do this, the end nodes of each segment are compared with the end nodes of other segments. If the same segment already exists, then this segment is deleted.