Ideally overlapping arc segments

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

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



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