

Figure 1: Curved 2D mesh (triangles): comparison of gmsh natives and fixed nodes.

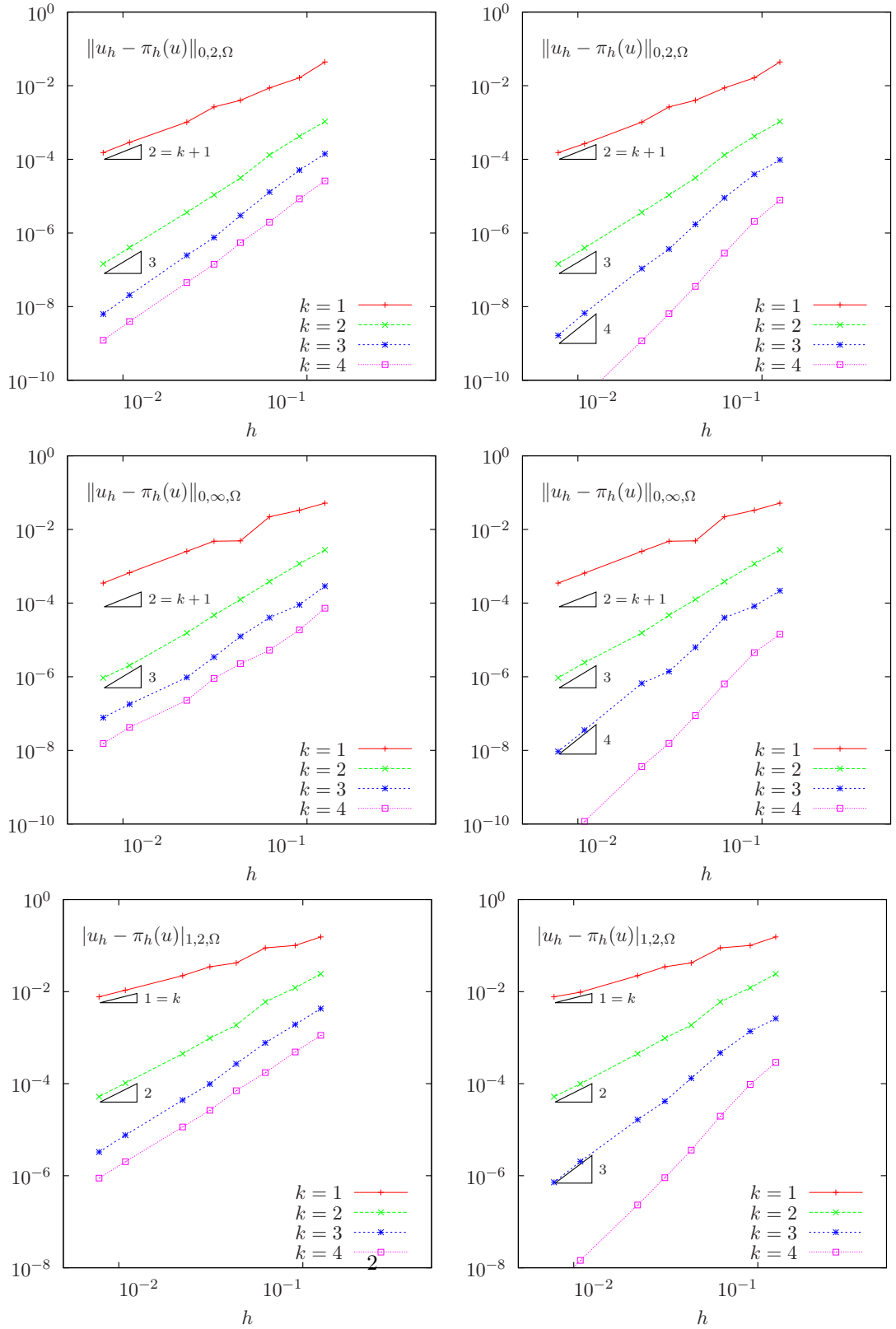


Figure 2: Curved 2D mesh (triangle): error analysis in L^2 , L^∞ and H^1 norms. Left: native gmsh ; right: fixed nodes.