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P_1 -nonconforming finite elements on triangulations into triangles and quadrilaterals
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Review text:

A first main result obtained by the authors characterizes a basis of the so called Park-Sheen nonconforming finite element space with some global edge-connected exceptional basis functions. The second main result is an explicit a priori error analysis for the combination of the Park-Sheen and the Crouzeix-Raviart nonconforming finite element methods for second-order elliptic PDEs with inhomogeneous Dirichlet boundary conditions.

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