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## A gradient recovery technique for virtual element methods

Monday, 25 November 2019 15:40 (15 minutes)

In this talk, I will present a gradient recovery technique based on an oblique projection for the virtual element method on polygonal meshes. I will give a short introduction to the virtual element method and introduce the gradient recovery operator and its construction. Finally, I will present some numerical results showing the comparison between convergence rates of the standard gradient and the recovered gradient.

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