

# “Strange structures” in 2- and 3-spaces or how to refine box-meshes

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This will be a very light talk where I tell a story of problems for spline spaces over 2- and 3-dimensional box-meshes and their applications. We will briefly walk through some solutions of these problems. This talk is an add-on to the last two talks I gave at MUIC in 2018. The main motivation of this talk is to raise a question – what is a structure?