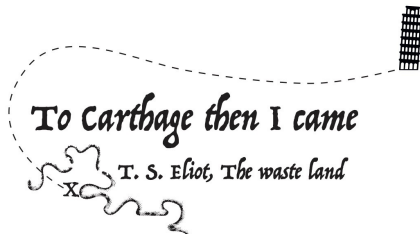


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Tuesday 17th May
9:30 (Tunis time – GMT+1, UTC+1)



On some variational problems involving functions with bounded Hessian

Motivated by problems related to deep learning, we study variational problems involving bounded Hessian functions, i.e. functions whose gradient is a function of bounded variation. In this context, particularly interesting are density results for piecewise affine functions and questions regarding extremal points.

Work in progress with M.Unser, S.Aziznejad, C.Brena.