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Title: A modular Poincaré inequality

Abstract: In a recent paper in collaboration with A.Fiorenza (Rev. Mat. Compl. 2020), we introduced a notion of modular with a corresponding modular function space in order to build a modular capacity theory. In this context we established a modular Poincaré inequality fundamental to obtain our aims. In my talk I will illustrate this inequality which is interesting also by itself.