A. BUTAEV, Concordia University
Extension of functions of vanishing mean oscillation on domains

In this talk, I will discuss joint work with Galia Dafni concerning the extension of VMO functions on Jones domains. I will review some properties of VMO functions following the papers of Jones and Brezis-Nirenberg. Finally, the construction of an extension operator $\Lambda : \mathrm{VMO}(\Omega) \to \mathrm{VMO}(\mathbb{R}^n)$ will be discussed.