GALIA DAFNI, Concordia University, 1455 de Maisonneuve Blvd. West, Montreal, Quebec H3G 1M8 Div-curl lemmas for local Hardy spaces and BMO

Nonhomogeneous versions of the div-curl lemma of Coifman, Lions, Meyer and Semmes are given in the context of local Hardy spaces (in the sense of Goldberg), on \mathbf{R}^n and on domains. A version for BMO on domains (joint work with Chang and Sadosky) will also be discussed.