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Der-Chen Chang and **Galia Dafni*** (galia.dafni@concordia.ca), Department of Mathematics and Statistics, 1455 de Maisonneuve Blvd. West, Montreal, Quebec H3G1M8, Canada, and **Hong Yue**. *Nonhomogeneous weighted div-curl lemmas*. Preliminary report.

We prove extensions of the div-curl lemma of Coifman, Lions, Meyer and Semmes to weighted Hardy spaces. This is a continuation of our previous work, as well as of joint work of the first two authors with C. Sadosky, in the context of local Hardy spaces and Hardy spaces on domains. (Received February 10, 2014)