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Daewon Chung* (chdaewon@inha.ac.kr), Department of Mathematics, Inha University, Incheon, South Korea, and **Oleksandra Beznosova, Jean Carlo Moraes** and **Maria Cristina Pereyra**. *On a two weight estimate for the dyadic operators*. Preliminary report.

In this talk, sufficient conditions of a pair of weights (u, v) so that the dyadic operators (the paraproduct, the square function, the Martingale transform, and the Hilbert transform) are bounded from $L^2(u)$ into $L^2(v)$ will be provided. Using these conditions, we discuss some relations between the two weight inequality of the Maximal function and the dyadic operators. (Received January 22, 2014)