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Irina Fay-Holmes* (irinaholmes@tamu.edu), Department of Mathematics Mailstop 3368, Texas A&M University, College Station, TX 77843-3368. *A new proof of a weighted John-Nirenberg Theorem, via sparse operators.*

In this talk we revisit a result of Muckenhoupt and Wheeden, which gives a weighted version of the classical John-Nirenberg Theorem (specifically for A_p weights). We will discuss a modern proof of this result, using the recent machinery of sparse operators. (Received September 19, 2021)