

25th International Conference on Pattern Recognition Milan, Italy 10/15 January 2021 2D-Discrete Mirror Transform for Image Non-Linear Approximation Alessandro Gnutti, Fabrizio Guerrini, and Riccardo Leonardi Department of Information Engineering, CNIT – University of Brescia, Italy





2) Definition of a new transform

- > Even/odd decomposition up to achieving single coefficients
- The final coefficients identify the Discrete Mirror Transform (DMT)



3) Experimental results

Evaluation of the sparsity property of the DMT (and ODMT) with respect to the DCT and DWT



HD dataset

