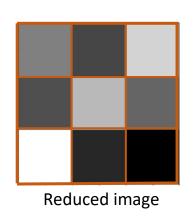
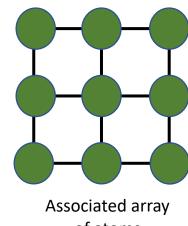


Original image



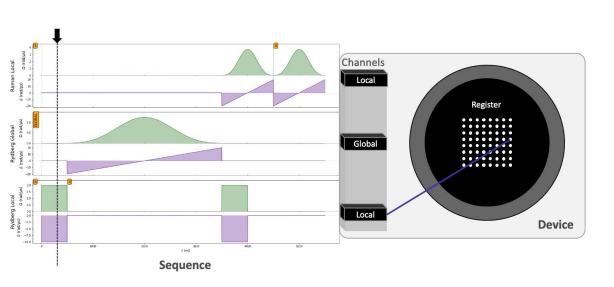
Averaging, PCA, CNN, etc



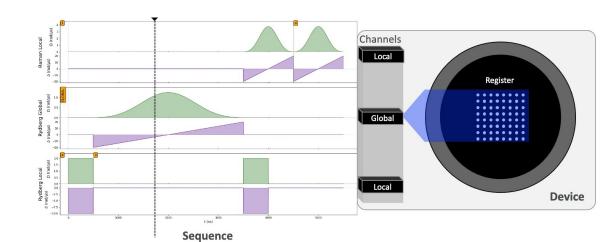


of atoms

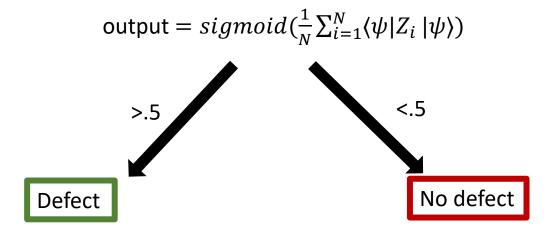
<u>Step 1</u>: Dimensionality reduction, feature extraction



<u>Step 2</u>: Encoding of the features with local pulses



Step 3: Parameterized sequence of global pulses



<u>Step 4</u>: Measurement and output of the final result