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Image Processing and CNN for Handwritten Digit Recognition

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Abstract: *High dynamic range photography allows for the digitization of handwritten numerical images. The cost of digitizing paper records is high. Here HDR can be useful. Creating a reliable algorithm to recognize scanned and typed handwritten numbers is crucial to the success of our research. This study evaluates various hidden layer and epoch-based handwritten digit categorization algorithms based on accuracy. The MNIST dataset is utilized in this experiment.*

Keywords: Handwritten Digit Recognition (HDR), Epochs, Hidden Layers, MNIST dataset