

R_1 is the rank of the decomposition

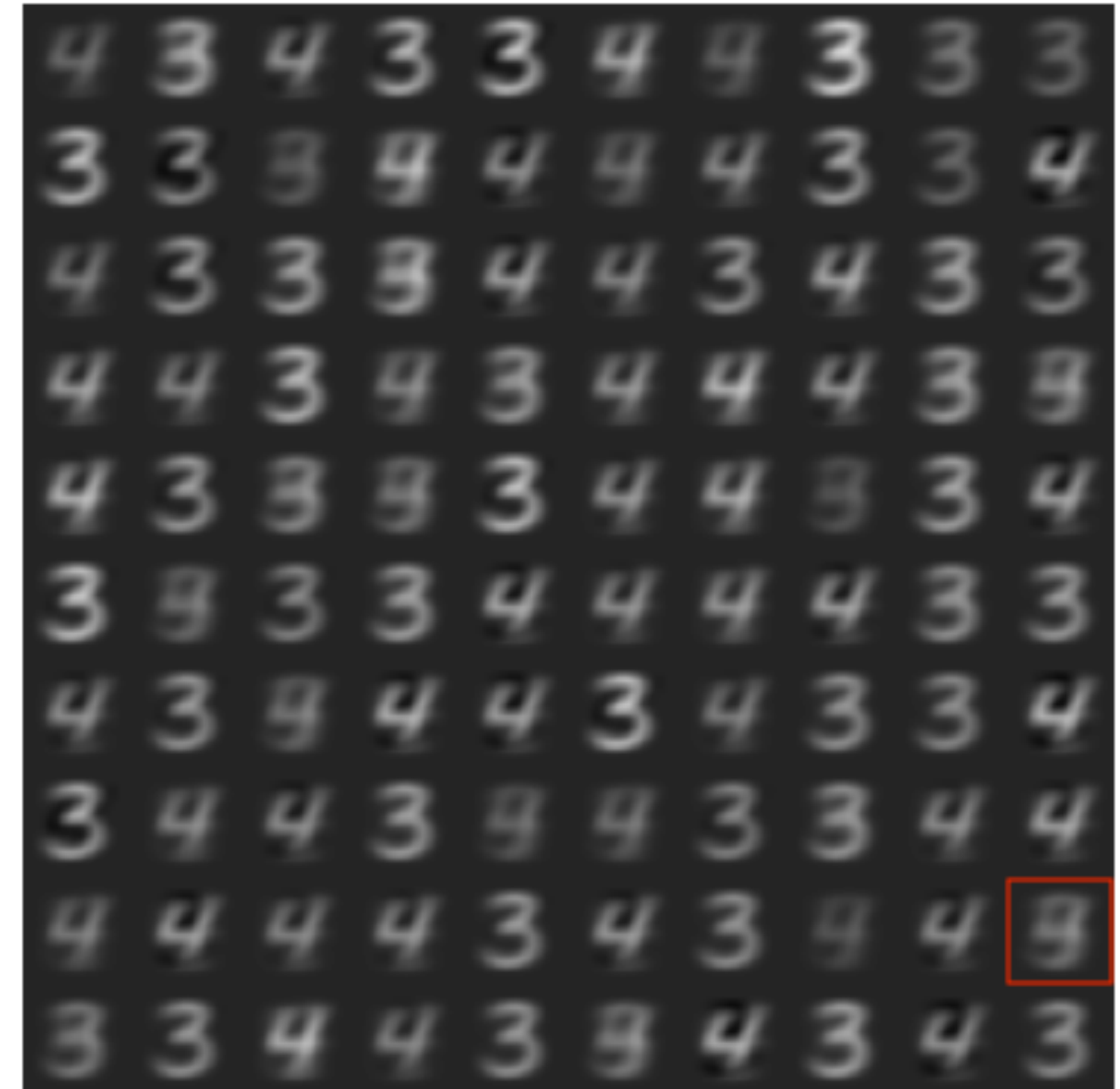
Example using N 28x28
black / white pictures

Method 1 results

MNIST 3s and 4s Using a Rank of 2



Original



Approximation