



Improve PSNR of Transmitted Images

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using deep learning to increase image resolution



Train Network

- 41 individual layers define the network, these layers include:
- `imageInputLayer` - the image input layer
- `convolution2dLayer` - 2D Convolutional Layer for Convolutional Neural Networks
- `reluLayer` - Rectified Linear Unit (ReLU) layer
- `regressionLayer` - the regression output layer of the neural network

Estimated residual image

- Only the luminance channel is processed



- Add the compensated image to the transferred image to get the final image

