RO-1.0X

Assignment 2
Image Noise Models

Problem Statement:

- **Given files are**
  - "**assignment2_part_1.jpg"** and **"assignment2_part_2.jpg"**
    - images with noise in 50% of pixels.
  - **"coords.txt"**
    - contains **original image** pixel location and values where noise has been added

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- **Tasks**
  - Find out what type of noise is present in given images with a detailed description/reason for your conclusion.

- **To Submit**
  - **"noise1.txt" and "noise2.txt"**
    - the text file contains the correct option among the following:
      - 0 – Uniform Noise
      - 1 – Gaussian Noise
      - 2 – None of the above

- **"part1_noise_model.pdf"** and **"part2_noise_model.pdf"**
  - Each one should contain an explanation for your conclusion
    - For an explanation you can describe the sort of method or steps you have taken to reach your conclusion, you can also plot figures to explain the reason for your choice of noise.

- To submit the assignment put both the files in a folder named **username**, where **username** is your user name with which you signed up at DeepEigen.
  - Submit **username.zip** file