CED19I050 RADHIKA MITTAL <ced19i050@iiitdm.ac.in>

Reg- DIP assignment

1 message

Joshi Pratik Joshi Pratik <coe18d006@iiitdm.ac.in> Thu, Mar 17, 2022 at 11:30 AM
To: dip2022@iiitdm.ac.in

Dear students,

As per the request, the demo session of this week is postponed to next week. The next assignment problem is given below:

Image restoration

1. Consider the lena grayscale image as f(x,y) and apply gaussian filter using builtin function(let it be h). Call the resultant as g(x,y). Now find f(x,y) from g(x,y) using the formula g(x,y) = f(x,y) *h(x,y) (Hint: go through the solution of g = f*h given in the class apply the same for finding f)
2. In the problem 1, find f(x,y) using g(x,y) = f(x,y)*h + n where n is the noise term. Add noise n using the inbuilt function of salt and pepper noise and find f. Display the results obtained.

Deadline: 24/03/2022

Regards

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