



Reg- DIP assignment

1 message

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To: dip2022@iiitdm.ac.in

Thu, Mar 17, 2022 at 11:30 AM

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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