Assignment 1

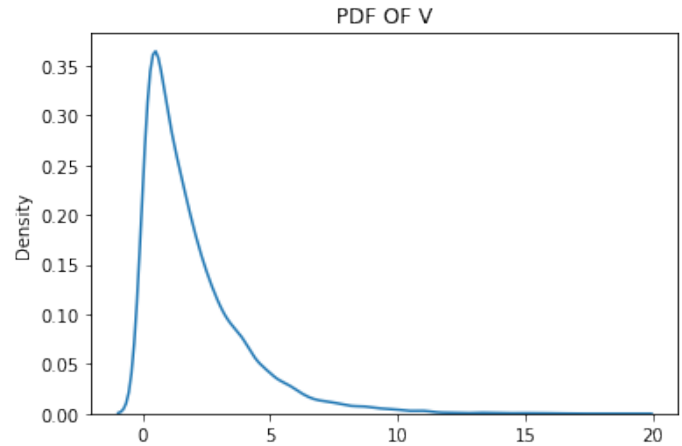## Pradyumn Sharma

Download python codes from

https://github.com/96143/Assignment−1/blob/main/
assignment_1.ipynb

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/6.1.1

1 PROBLEM

Let $X_1 \sim \mathcal{N}(0, 1)$ and $X_2 \sim \mathcal{N}(0, 1)$. Plot the CDF and PDF of
$$V = X_1^2 + X_2^2$$

2 SOLUTION