



# Digital Communication Assignment

Nikhil Nair

## I. PROBLEM

Generate samples of

$$V = -2 \ln(1 - U)$$

and plot its CDF.

## II. SOLUTION

The following code generates samples and plots the CDF of  $V$ .

```
https://github.com/nikhilnair90/FWC/tree/main/  
Module-II/Digital Comm./6.3.1/Code/6\_3\_1.  
py
```

## III. FIGURE

