Embrace the Majesty

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1 About

This is a website maintained by SUBHOJIT MAJI, who is a B.Math Undergraduate at Indian Statistical Institute, Bangalore Centre. My Special Interests are in Probability Theory. This site is created by me for updating about my daily life. Hope you all would enjoy browsing through it !!

2 Sem I @ isibang

These are some of the works, I did in my B.Math Journey.

2.1 Real Analysis

I got some Real Analysis Notes for you all, by Prof. BV Rajaram Bhatt.

2.2 Fundamentals of Computer Programming

We did this course under Prof. Jishnu Gupta Biswas Here are a few resorces :-

1. OG Book for C Programming
2. My B.Math FCP course link

2.3 Probability Theory

One of the favourite topics of my interest. I would like to share my views on it(COMING SOON !!). This course is being taught by Prof. Mathew Joseph.

2.4 Elementary Number Theory

Here are Assignments that were given to us as a Homework. The course was taken by Prof. Ramdin Mawia.

2.5 Linear Algebra

This was without a doubt the best course in the 1st semester. I got to learn a lot of new stuff and got myself acquainted with proof writing and stuff like Resonance Articles. It was taken by Prof. Anita Naolekar. Here is a link to the course page.

2.6

Site Building in progress...

3 Pro-BABLE

3.1 Spread of Rumours

In a small town of n people a person passes a titbit of information to another person. A rumour is now launched with each recipient of the information passing it on to a randomly chosen individual. What is the probability that the rumour is told r times **without**

  (a) returning to the originator,

  (b) being repeated to anyone.

Generalisation: redo the calculations if each person tells the rumour to m randomly selected people

3.2 Increasing Seuence of Events

3.3 Dice Game

If three dice are thrown. What is the probability that one shows a 6 given that no two show the same face? Repeat for n dice where $2 < n < 6$

4 Acheivements

To be updated soon...

5 Summary

'There is always a probability of winning in life , no matter which stage you are at. Just believe in yourself and