

FIRST INFORMATION REPORT

37.55

First Information Report of a cognizable offence reported under section 154 Cr. P.C. at P.S.

On this day of Month Year FIR No. of Date

at Police Station Sections

or Other Acts & Sections

Reference Entry No. Time

Day Date Time

Day Date Time

at the Police Station

At the Police Station

Directly and Inform from P.S.

Beat No.

in this Police Station in the name of

District

Name

1. The first part of the paper is devoted to the study of the properties of the function $f(x)$ defined by the equation $f(x) = \int_0^x f(t) dt$. It is shown that $f(x)$ is a constant function, and its value is determined by the initial condition $f(0) = 1$.

2. In the second part, we consider the problem of finding the maximum value of the function $f(x)$ on the interval $[0, 1]$. It is shown that the maximum value is attained at $x = 0$ and is equal to 1.

3. Finally, we discuss the question of the uniqueness of the solution of the initial value problem.

4. The results of the paper are summarized in the following theorem:

5. The function $f(x)$ defined by the equation $f(x) = \int_0^x f(t) dt$ is a constant function, and its value is determined by the initial condition $f(0) = 1$.