



UNIVERSITÀ DEGLI STUDI DI MACERATA

**Selezione per l'ammissione ai Corsi di formazione
per il conseguimento della specializzazione per le
attività di sostegno didattico agli alunni con disabilità
A.A. 2025/2026. Scuola Secondaria di primo grado**

PROVA 01

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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. The third part of the paper is devoted to the study of the properties of the function $f(x)$ defined by the equation $f(x) = \int_0^x f(t) dt$.

4. In the fourth 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.

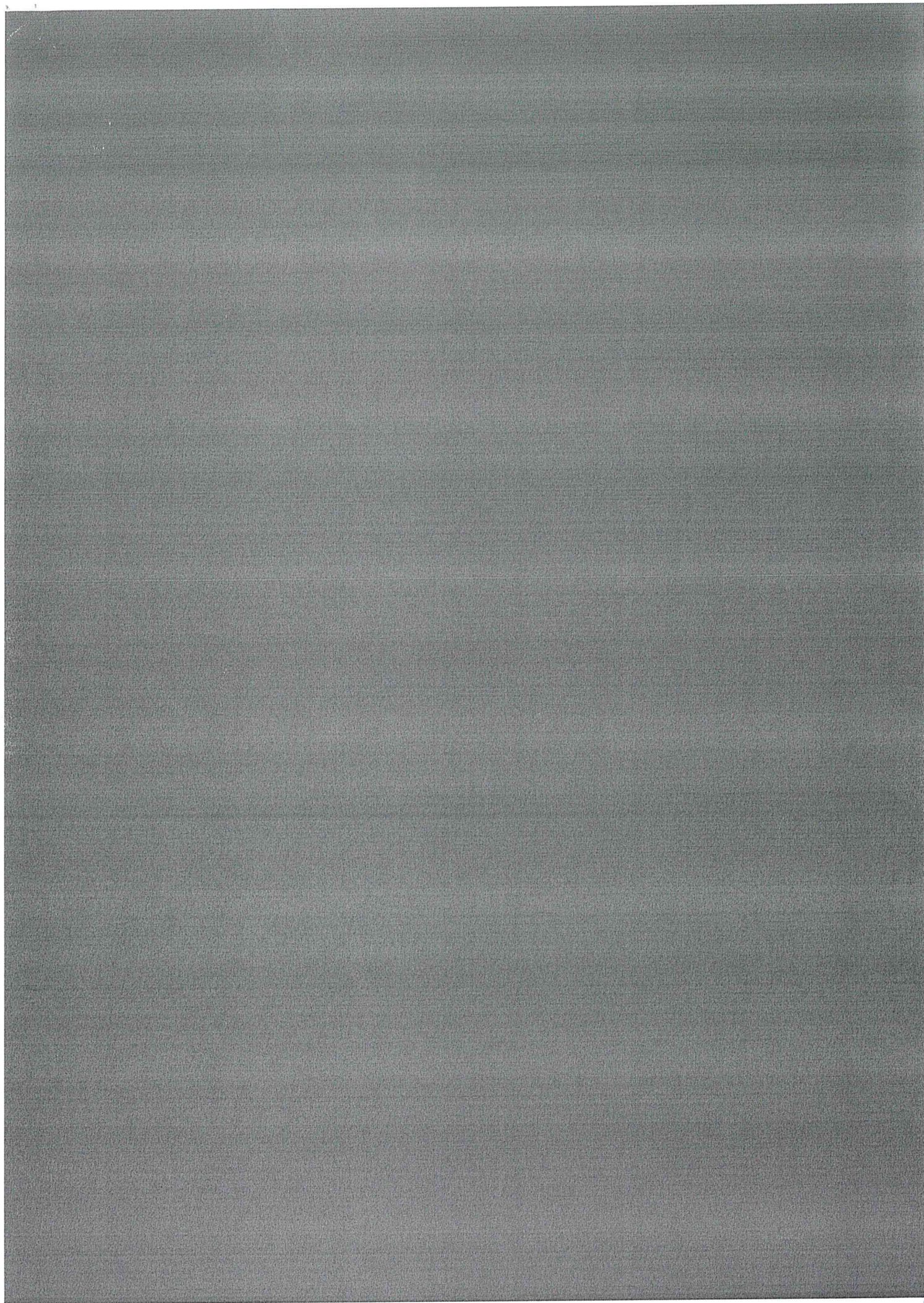
5. The fifth part of the paper is devoted to the study of the properties of the function $f(x)$ defined by the equation $f(x) = \int_0^x f(t) dt$. It is shown that $f(x)$ is a constant function, and its value is determined by the initial condition $f(0) = 1$.

6. In the sixth 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.



“L’attenzione pedagogica va posta all’organizzazione del gruppo classe, alla strutturazione dell’ambiente e dei tempi, alla scelta dei materiali” (Canevaro, Malaguti, 2014). Si commenti in maniera argomentata il testo riportato e si evidenzino le potenziali ricadute educativo/didattiche per la scuola secondaria di primo grado.





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