test title

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Abstract

test abstract

1 Introduction

sec:intro

Let $\mathbb{R}^n$ be the n-dimensional Euclidean space. For a function $I : (0, \infty) \to (0, \infty)$, let

test   (1.1)
$$I(x) = \int_0^x t \, dt.$$

$$a^2 + b^2 = c^2$$

2 Definitions and the main result

sec:main

Definition 2.1. α: limit value

$$\lim_{n \to \infty} a_n = \alpha$$

Theorem 2.1.

$$\lim_{n \to \infty} a_n = \alpha, \ \lim_{n \to \infty} b_n = \beta, \ \ then \ \lim_{n \to \infty} (a_n + b_n) = \alpha + \beta$$