

Simple Template

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Abstract

This is the abstract of the paper. It provides a brief summary of the research, including the problem, methods, results, and conclusions.

1 Introduction

Ikebe et al. conducted... [?]

Algorithm 1: Simple Algorithm

Input: Dataset X

Output: Result Y

$Y \leftarrow 0;$

for *each* $x \in X$ **do**

if $x > 0$ **then**
 $Y \leftarrow Y + x;$

return $Y;$

Definition 1.1 (Cauchy sequence). For every $\epsilon > 0$, there exists $n_0 \in \mathbb{N}$ such that for every $m, n \geq n_0$ ($m, n \in \mathbb{N}$), $|a_m - a_n| < \epsilon$.

Theorem 1.1 (Archimedes axiom). $\forall a, b \in \mathbb{R}_{>0}, \exists N \in \mathbb{N}$ such that $Na > b$.

$$y = ax \tag{1}$$

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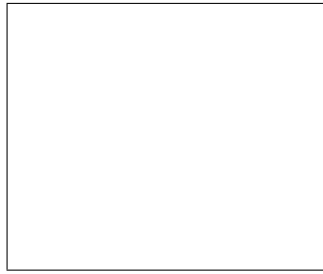


Figure 1: Dummy figure