

A Sample Paper for PRIMS

To Professor XXX on the occasion of YYY

by

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Abstract

This is a sample paper for PRIMS. For the subject classification, use the 2010 Mathematics Subject Classification available at www.ams.org/msc.

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§1. Introduction

Note that equation numbers are placed on the left. The examples below are included to illustrate some L^AT_EX constructions.

§1.1. Theorems etc.

Theorem 1.1 (Maximum Principle, see also [Sh, Theorem 5]). *If (...), then the following conditions are equivalent:*

- (i) *first item,*
- (ii) *second item.*

Proof. Observe that

$$(1.1) \quad \begin{aligned} AAAAAAAAAA &= BBBBBBBBBBB \\ &\quad + CCCCCCCCC \\ &= DDDDDDDDDDD. \end{aligned}$$

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Now apply induction on n to (1.1). □

Definition 1.2. A system S is said to be *admissible* if $S \in B$.

Remark. An unnumbered remark.

Main Theorem 1.3. *Here comes the statement of a numbered theorem with a fancy name.*

1.1.1. Subsubsection. This paragraph is only included to show the appearance of a subsubsection.

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