Full Title

To Professor XXX on the occasion of YYY

by

First AUTHOR, Second CONTRIBUTOR and Someone ELSE

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 \LaTeX 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

\begin{equation}
\begin{aligned}
\text{AAAAAAAAAAAA} &= \text{BBBBBBBBBBBB}\ \text{+} \text{CCCCCCCCCCCC} \\
&= \text{DDDDDDDDDDDDDD}.
\end{aligned}
\end{equation}

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F. Author: Department of Mathematics, University, Street 7, 10623 City, Country; e-mail: name@university.xy, nickname@gmail.com
S. Contributor:
S. Else (corresponding author):

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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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### References


