The Best Temperature Controller EVER!

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Abstract

The first bowl of porridge was too hot. The second bowl was too cold. The third bowl was just right.
I. INTRODUCTION

Paste the summary of the paper you found here. Be sure to deal with any special characters properly.

II. COME UP WITH A TITLE FOR THE SECOND SECTION OF YOUR PAPER

Type a paragraph describing the PID circuit. Include equations for each amplifier type. For example: The proportional amplifier produces an output signal that scales linearly with the input signal, $P_0 = AP_i$. If you don’t refer to this equation again in the paper it can be “in line” as in the preceding sentence. If you will refer to it later in the paper, it should be typeset as a “displayed equation” and numbered like this: The proportional amplifier produces an output signal that scales linearly with the input signal,

$$P_0 = AP_i.$$  \hspace{1cm} (1)

Make sure you format one of your equations in each style for this exercise. Note that even for a displayed equation, the equation is part of the sentence and should be punctuated appropriately. To refer to this equation later in the document you would write something like: To vary the gain of the proportional amplifier, $A$ in Eq. (1), we adjust the feedback potentiometer. Be sure to type a sentence that refers to your displayed equation for this exercise.