Answer to reviewers

"This paper presents a hardware implementation of a wirelessly controlled thermostat. It gives a very short introduction, then it follows with a description of the hardware used in the implementation and gives some indication that the thermostat works. The main contribution of the paper is in describing the hardware used; the fuzzy logic should merit more attention from the author."

More details about fuzzy logic and our approach to it were added, as suggested, in sections **Introduction** and **Thermostat fuzzy engine**.

"Also, the author does not relate to the wireless thermostats that exist on the market."

A new section was added, **Related work**, that presents the currently available thermostats on the market.

"The introduction is weak, it does not clearly state what is the scope of this paper and it does not position the work done here in the current literature."

Added more details about works on fuzzy logic in the context of temperature control in section **Introduction**.

"Figure 1 from section 3 is not introduced in the text." Figure 1 is now introduced in the text just after Definition 1.

"Equation (2) is incorrect?"

The problematic equation was corrected.

"Figure 2 is not related to the example given in section III definition 4."

Figure 2 was removed from the text.

"Figure 3 is not explained in the text."

Now Figure 2, is explained at the end of subsection **Fuzzy logic reasoning**.

"After reading the introduction one has the expectation that section III gives an introduction to the state of art of the Internet of Things, but this is not the case. Section III gives a simple introduction to fuzzy logic."

A new section was introduced under **Theoretical background** that introduces the reader to the Internet of Things.

"In section V you state 'Even with extreme differences, the values drop back to normal in a fair amount of time.'. What do you mean by 'normal' and 'a fair amount of time'?" Rephrased the statement to eliminate ambiguities.

"Please give more experimental result."

Added more experimental results in section "Results and discussions".

"PLease cite the work that is not yours"

Added citations to work not created by the author.

Some typos:
"paragraph 1: possiblities ->possibilities, house-hold ->household"
"paragraph 2: materials, arts, and subassemblies ->parts?;"
"of commerce and culture. [1] ->of commerce and culture [1]."
"paragraph 3: contex lead to ->context leads..."
"paragraph 4: described by this paper ->described in...;"
"An in depth description ->An in-depth... "
"human kind ->humankind"
"Fuzzy logic is build ->Fuzzy logic is built"
"which makes it possible ->that makes it possible"
"another application processor.[5] ->another application processor [5]."
"Atmel Attiny85 (Figure 5). [8] ->Atmel Attiny85 (Figure 5) [8]."
The above language issues are now fixed.

Phrasing problems:
"paragraph 5: please rephrase "Section III presents information relevant for the understanding of the chapter that follows""
"please rephrase the statement 'The Internet of Things enables the world to research itself and find patterns that were otherwise invisible, thus leading to a greater understanding of the context we are living in, which in turn lets us control that context in a more efficient manner.'"
"In the rest of the chapter, the concepts surrounding fuzzy logic will be explained. ->Next, the (this is a section not a chapter)" "please rephrase paragraph 6 'Since its release...'"
Rephrased all of the above statements.

Structure observations:
"paragraph 4: I think this statement is redundant 'An in depth description of the architecture will be presented in section IV.', you already state this in paragraph 5."
Removed mentioned statement.

"You say 'For the application in discussion, this fact enables one to monitor and control ones house temperature setting from anywhere thus increasing the comfort level.' but you haven't stated what the application is yet."
Introduction now has short description of the application.