Abstract

This project is called image stabilization, obviously, it is about how to deal with a series of images and use some special technologies to reach the goal of stabilization. This project is based on some mathematical method and modulation of Matlab. Since the project is complicated and each step needs a code to realize a subtask, it should be worked slowly and carefully to get the final result. Besides, this project is of high freedom, so the quality of the result depends directly on what our group learned during the period.

Contents

```
function [ num, den ]=t5cc
Kp=1;
Ki=8;
Kd=10;
num=[5*Kd 5*Kp 5*Ki];
den=[1 4+5*Kd 3+5*Kp 5*Ki];
t=0:0.01:20;
step(num,den,t)
grid on
end
```

add comments

Add a caption.

unit??

Step Response

Amplitude

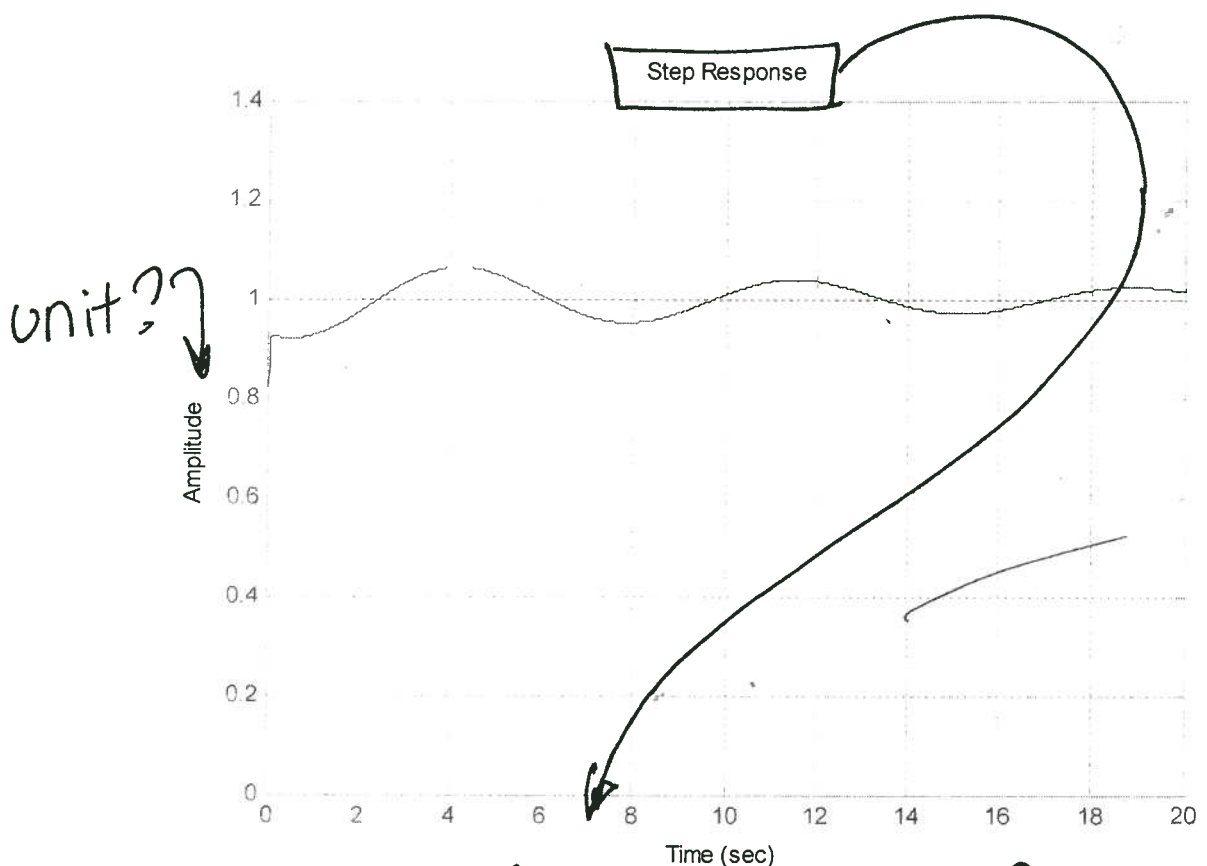Figure 5. Step response of .....

A derivative control can stabalise the system by reducing the overshoot, and improving the transient response. This is done by the derivative term Kd, slowing the rate of change of the controller, thus reducing the magnitude of the overshoot.
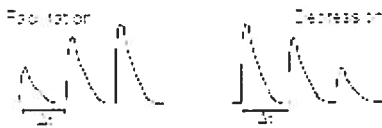
Discuss the plot and describe it.

poles=

−3

References

http://en.wikipedia.org/wiki/Bode_plot ◄— Don't cite wikipedia.

It is expected that the neurons can communicate with each other, finish some special task together, so the theory of multi-agent may provide potential benefit.

The object programming technique is widely used in the program language like C++ and Java. As we get the electronic neuron cell which can be programmed to finish some complex works, it is expected that the object programming technique and Java can produce a language for neuron communication and finish designed task or make neuron program by it self. This can be supported by the DHNN.

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Fig. 1 Illustration of a fragment of spiking neural networks with synaptic junction. θ represents the threshold. The insets show the facilitation and depression behavior at each synapse with stimuli separated by time Δt

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Neuron Cell (Wikipedia 2010)

Neuron

Dendrite

Axon terminal

Node of Ranvier

Axon

Schwann cell

Myelin sheath

Nucleus

[handwritten: Figure 2. Diagram of a]

[handwritten: NB: don't cite Wikipedia!]

No insight.
No imagination.
No creativity.
No self-assessment

There is no reflection or thought about the relevance or significance of this project.

Conclusion

To sum up digital control of volume and left right audio controller is an important device in human life. It has been used in many different situations not just for entertainment.

If the issues mentioned in the results chapter could be overcome, this would be in great use for the industry of audio technology and for the purpose of entertainment.

REFERENCES

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2 = http://www.allaboutcircuits.com/vol_2/chpt_6/2.html

Author? organisation?
Title? Date?

Capitalise: publishers, authors and titles

Two references: insufficient for a project of 4-weeks duration!

7. References:

[handwritten note: Add Title, author, organisation, date and date accessed.]

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[2] http://www.berr.gov.uk/files/file54298.pdf

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http://www.rsc.org/delivery/_ArticleLinking/DisplayArticleForFree.cfm?doi=b616511g
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[6] Dr Munira Raja, "Seminar on Organic Electronics", 2008

[7] Dr Munira Raja, "Organic Electronics"

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