ECEN426

Assignment 1: Damper/Picker Literature Review

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BRIEF

Compile and present a literature review of existing mechatronic chordophone picking and damping mechanisms. Rather than simply providing a list of prior works, this document should include an overview, critical discussion, and bibliography pertaining to these mechanisms. The overarching goal of this assignment is for you to conduct a search of the literature and media and to disseminate a related work report and gain an understanding of the current state of the field.

The following criteria must be adhered to:
- The length of your report must remain within 500–750 words (not including bibliography).
- The report should contain a minimum of five properly formatted references (using the IEEE formatting scheme*), each of which refer to a separate project.
- The length of the presentation should be between 2 and 3 minutes.
- The presentation must provide an overview of the written document and be accompanied by a slideshow.
- You are responsible for your presentation's logistics: it is recommended that you test your presentation in the lecture room prior to presenting.
- Feel free to consult web-based media (e.g. YouTube, Hackaday, etc.) when searching for related works.

*http://www.ieee.org/documents/ieeecitationref.pdf

DEADLINE & SUBMISSION

Submit your PDF by 1:00 pm, Tuesday, 20 July 2021. Worth 10%.
Upload your completed report **on Blackboard** in the following format "LastName_ECEN426_assignment1.pdf".
(the presentation slides are not to be included with the assignment submission as they will be assessed during presentation).
NOTE: This is not a group project: the document and presentation are to be individually completed.

GRADING RUBRIC

The final grade for the assignment will be determined from an aggregate of the following areas:

60%	15%	25%
DOCUMENT	**BIBLIOGRAPHY**	**PRESENTATION**

C LEVEL GRADE	B LEVEL GRADE	A LEVEL GRADE
The report is poorly written. The number of works cited is insufficient and the report does not provide sufficient conclusion/analysis. Poor presentation.	Report is well-written. Some major works are cited and some conclusions are drawn, but some significant examples are missing. Presentation leaves room for improvement.	Report is very well-written. All significant techniques/works are cited and a clear analysis of the advantages and disadvantages of each technique has led to a clear conclusion. Excellent presentation.