

Graduate student technical paper assignment: As graduate students, it is important to understand how MEMS fits into your research as well as keep up to date with the newest MEMS processes and breakthroughs. Therefore, every week, you need to e-mail me (sumita@engr.ucsb.edu) your weekly paper assignment. This e-mail will include 3 attachments:

1. A PDF of the paper, labeled Lastnameofauthor1_Journal_YearPublished.pdf (for example, Huang_JMM_2010.pdf)
2. A one-page write up of the paper (see instructions below)
3. A .ppt presentation of the paper, with explanations of Figures (see instructions below)

The subject of the e-mail should be: ME292 LastName Month Date (for example, ME292 Pennathur March 17th).

The body of the e-mail should have a very informal note about the subject of the paper (3 sentences MAX) and whether you liked it, whether it was relevant to you, what was easy and hard to read and understand about it. Basically, just write what is on your mind about the paper in an informal way.

One-page write-up

In addition, I would like a one page write-up of the paper that you read. Please follow the format below. The write up should contain the following information:

Upper right hand corner: Name/Date/Major/ME292

Title: Next, please put the title of the paper (in bold, centered) and the authors (not in bold, underneath the title of the paper)

Summary paragraph: Underneath the title please put a summary paragraph. This paper should summarize the main point of the paper succinctly and comprehensively. It should also contain the major contributions of the paper as well as your opinion to the strongest and weakest part of the paper. You should end the paragraph with whether this paper was interesting and useful to you.

Next paragraphs: Here, you should outline the main contributions of the paper in more technical detail. Usually, papers have about 2-3 points that are interesting. This can be in more of an outline form.

Powerpoint Presentation

In addition to the write-up, please prepare a powerpoint presentation of the paper, as if you were to present the paper to the class. The first slide should be the title of the paper, the next slide contains a brief abstract/outline, and then cut and paste figures from the paper into the presentation and write succinct bullet points to what each figure is trying to show. At the end of the quarter, I may put you on the spot with one of these presentations and ask you to tell the class about it, so make sure you put enough information about the paper in the presentation so that you can remember and explain the work well. I should be able to just read the presentation and understand everything about the paper.