Name: Daniel Vander-Hyde
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Article: First results of the Maryland Fraser-Cobb Gravitational Radiation Experiment (Kafka + Schnupp)

PHY 600 Reading Questionnaire

What is the main idea of the article?

Kafka + Schnupp report a well documented overview on Weber's experiment + analysis

Why is this topic important to gravitational wave detection?

Unlike the Darwin + Weber interactions, this document creates an organized deconstruction of Weber's experiment + analysis.

- Specifically, Kafka + Schnupp report:
  - They have data that sets the lowest upper limit of the "Weber-type" experiment.
  - SE filtering algorithm is superior to Weber's SA algorithm
  - Journal voice as a bigger draw than Weber reports.
- This publication also elevates the Weiss-type of experiment (specifically in the conclusion)

What questions would you need to have answered before you could honestly say that you understand this topic?

- Why is SE filtering so better than SA filtering?
- Without having an idea of what they are looking for (template data),

  how can they have any confidence that these "noises" are what you are looking for?