

### FINAL PROJECT!

We have one week left in our class! It was a privilege for me to be your teacher. I hope you enjoyed it and/or feel like you learned a lot.

Your assignment for this week is to select a historical figure who contributed to the development of Vector Calculus or Linear Algebra. Research your protagonist's history, how he/she contributed to our knowledge, and honestly give your opinion of what motivated this person to contribute.

You may submit your findings in either:

- write a 2 to 3 page paper in Microsoft Word, or
- create a 5 or more slide powerpoint, with voice-over sound presentation.

Here are some suggested contributors, but feel free to find others.

- Archimedes, Newton, Gauss.
- Leibnitz, Bernoulli, Maxwell, Laplace, Lagrange.
- Poisson, Germain, Jacobi, Cauchy, Riemann.
- Pascal, Fermat, Descartes, Cramer, Cayley, Lorentz, Einstein.
- The women of Hidden Figures, and other figures from our space program.

You can look for something interesting and possibly obscure. You can explore other (non-European) cultures, such as Asian or African. You can try to answer some of these questions.

- Was this person more influenced by science or mathematics? Reality or art?
- What sort of other people influenced your protagonist?
- Family? Children? Was he/she a kind person or cruel? Would that have affected the math?
- Was the advancement profound or incremental (yet still relevant)?

If you want to discuss your ideas about your project with me (or with other students), feel free. If you do discuss it with another student, you can't write on the same person.

This will be due Thursday, April 30, 2020, and will count as your final quiz grade. Submit your work in Microsoft Teams Assignment Q0430.

I encourage you to share your paper or presentation with the rest of the class. If you wish to, upload it in the Microsoft Teams Chatroom.