

Feedback on the project

Assessing, editing, and offering thoughtful feedback are useful skills to develop. We'll practice them here. That means you will read the document(s) and watch the video carefully and write a report on them of about a page in length. On the next page is a rubric to fill out right after you watch the video.

The nature of your feedback will depend a bit on the type of document (e.g., paper or lesson plan or discussion of an algorithm), but I suggest you use the following structure for your written report.

- (1) Start with (at least) a paragraph outlining what the project is about and describing what it does well, such as the ways in which it succeeds in reaching its goals.
- (2) Include (at least) a paragraph on the feedback you have on the project as a whole. For instance, do you have any comments or suggested improvements regarding the structure of the document as a whole? Are there broad issues (e.g., missing motivation or context or examples) to address?
- (3) Finally, give a list of granular comments: typos you saw, factual corrections, places where the text is hard to interpret (e.g., a statement is unclear or ambiguous), etc. A numbered list with references to specific pages, sections, or lines in the paper is very helpful for the author when revising.

While you should not hesitate to point out any errors or problems you found, make sure to be kind in your writing throughout. (Unfortunately, we all receive uncharitable and unkind feedback more often than we would like. Don't let your report be one of them!)

Feedback on the video

Please rate about the following aspects	Lowest				Highest
Organization	1	2	3	4	5
Engagingness	1	2	3	4	5
Clarity	1	2	3	4	5
Quality of mathematical content and explanation	1	2	3	4	5

What is something you found really compelling or effective from the video?

I really like how you talk about the context of the algorithm. Factoring a large integer in an efficient can be useful in cracking modern crypto scheme, especially those that rely on the difficulty of prime factorization like RSA. It's also cool that you don't talk much about the quantum stuff, since for sure it's out of scope and using the black box to represent it is a great idea.

What is something you found ineffective about the video or missing from it?

Maybe we can go over the context of quantum computing a little bit? Why does factoring a number in log time a challenge for classical computer and why does quantum computer is a solution to this. We don't have to go into too much detail there, but a glimpse of it would be greate and will not leave readers curious about it.

Any further feedback? (For instance, how to enhance the video? or, how is your curiosity piqued about the topic? or, tweaks you'd suggest?)

If you can do some demo about the algorithm on some random numbers in your video, that would be even more engaging, but the current video is great and did a good job explaining so I think it is just ok to leave it as is. Overall, good job.