



Homework 2: The Boltzmann Equation

The number of stars gives the estimated difficulty of an exercise, though I must say they are not a very trustworthy notation system since I do not really know what you will find challenging or not.

You can either write your answer through :

- Google Docs document (insert > Equation... > type your question using LateX-like directives or select manually the formulas you want to introduce).
- Any word processor that supports equations (Word, LibreOffice,...)
- Good ol' paper and pencil, then scan your solutions.
- Virtually any other method you can think of, as long as I can read it

You can then send that to me by :

- Email at NuclearEngineer@ureddit.com (unavailable for now !)
- Dropbox/Google docs link
- Use of the "[send your answer](#)" form (select the homework/quiz you are answering to, write your Ureddit username, upload your document and submit !)
- Virtually any other method you can think of, as long as I can receive it

I will acknowledge receipt of your email/message within two days or so, so that you don't worry that it did not reach me.

Please let me know at the end of your homework if you want a partial correction (i.e. hints toward the good answer if your answer is not correct, so that you can try it again if you want), or a total correction (complete solution to the problems).

Once again, I remind you about the [discussion platform](#), if you have any trouble with the math or if you're thinking "how the hell do I answer that ? I'm stuck !"

Question n°1 : ✪

Can you explain how you obtain the transport equation for the angular flux? (§2.3.5)