Checking for Basic Appearance

Civita

July 27, 2021

How does the system look overall?

> What are we doing: Let's find how the package looks overall

This package is a fork of the package Ahsan, so that it meets need of Physics Handouts and texts.

Thing about Physics is, guys in IPHO did better than IMO, so it's a better chance to make such a fork.

Problem 1. The problem is, we need to make a package that is kinda lighter and suits more to Physics and also use PdfLaTeX engine, also being hyperaesthetic and hypercustomizable, doable for entry level beginner.

Solution. Start from something that's most closest similar package, Ahsan. Then rip off stuffs and put into it. □

But I had other things in mind.

Note This package is opensourced so do the fuck you want to do with it, but don't make monetary profit (**GNU License**)

We have added a room for doing, guess what, derivations!

> **Derivation** Cosine Law.
>
> Assume a triangle with sides $\vec{a}$, $\vec{b}$ and $\vec{c}$, so that,
>
> $$\vec{b} - \vec{a} = \vec{c}$$
>
> Now, if find $\vec{c} \cdot \vec{c}$,
>
> $$\vec{a}^2 + \vec{b}^2 - 2\vec{a} \cdot \vec{b} \cos\theta$$
>
> Here θ is the angle between $\vec{a}$ and $\vec{b}$. So we get,
>
> $$\boxed{c^2 = a^2 + b^2 - 2ab \cos\theta}$$

The work is no where near done. I haven't worked enough on this. **Your job is to give me a feedback what should I put.**