AnnoMathTeX

Wikipedia Community Issues

- The 'defining formula' property of the corresponding Wikidata item is edited and evolving independently from the formula strings linked in the Wikipedia articles.
- The Wikidata items need to be very specific to account for a particular formula. See for example 'kinetic energy' (Q46276): T = \frac{1}{2} m v^2 vs. 'kinetic energy of rotating body' (Q104145205): E_{\mathrm{r}} = \tfrac{1}{2}I\omega^2.
- If a Wikidata item has two or more 'defining formula' properties, only the first is displayed in the 'Special page' (even if the 'has part' identifier annotations refer to another). This is problematic, e.g., with 'Hooke's law' (Q170282), which currently has both F= k X and \sigma = E \varepsilon as 'defining formula'.
- Sometimes a disambiguation is needed to distinguish the physics terms from other word meanings, e.g., 'work' (Q42213) with description: 'energy transferred to an object via the application of force on it through a displacement' vs. 'work' (Q6958747): 'particular form of activity, sold by many people to sustain themselves'.
- In the 'Equations of motion' article, a one line formula includes three sub formulae with different meaning that would need three different QIDs.
- It should be possible for a Wikipedia reader to edit the formula and identifiers directly on the special page, such that the changes get transferred to Wikidata.
- The special pages and corresponding Wikidata items should have a 'what links here' link, providing a list of every page that has a Wikilink to this page. This way dependencies can be analyzed and editors warned.
- One user noted that 'in most cases, qids add no value, they take you to pages with trivial content'.