

# Review of: "Properties of elementary particles, dark matter, and dark energy"

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**Potential competing interests:** No potential competing interests to declare.

The author has raised the issue of properties of elementary particles, dark matter, and dark energy. Then he has tried to present data that may have been examined less in other articles in this coherent way.

To express different views, tables are provided that can be very useful for better understanding. Also, the author used Elko's spinor field, which is a theoretical concept in standard physics, to help better understand the concept of dark matter. The work would be much more brilliant if the author explained more in detail about the motivation or advantage of such modeling. In some parts, for example, in equations 6 and 7, and... or some terms or sentences such as "Jay" (a new massless scalar particle), it is necessary to explain more along with providing more sources. In general, this article is well-written, but a series of new terms is defined that the reader should read very carefully, such as "POST" and "SUP". Therefore, this article is recommended for publication after review by the author because it is a valuable work for understanding the concepts of physics.