

Review of: "On the rheology of thixotropic and rheopexic suspensions: accounting for the formation of trimmers"

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Potential competing interests: No potential competing interests to declare.

Obviously, the work is good. The model appears to have many fitting parameters, but the phenomenon under investigation is quite complex. My observations are:

1. In my opinion it would be better to have more references, especially in the development of the model. There has to be more previous work by other researchers.
 2. Equation 4 consists of two identical lines.
 3. Explain a little more about the equations.
 4. I don't understand why the author doesn't use Cardano's algorithm; As far as I know, there is a way to isolate the real roots without any problem. Please explain more about this.
 5. I assume that the expression between equations 4 and 6 are the equations. 5, but it is not indicated; however, this expression (without label) is algebraic but in the text, it is called a Riccati equation, which is a differential equation.
 6. There are some errors in the use of English, for example, in fig. 5 the word "viscosity" and "calculated" appear.
 7. "In correspondence with the results presented in Figs. 1, which is shown in figs. 2 and 3, respectively." Missing verb.
 8. What would be a triplet for the polymer system? Please explain this.
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