

Review of: "Morphomechanics: An Extended View"

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Potential competing interests: No potential competing interests to declare.

1. The abstract is too short and confusing; it's better to make it longer. A mechanical approach to the study of morphogenesis, called morphomechanics, is outlined. It is based on the idea that living matter can mechanically self-organize into forms without the need for a pre-pattern, as recently contemplated by the physics of active matter. It is shown how morphomechanics provides a framework for the integration of mechanical, molecular, and bioelectrical signals in embryogenesis. In this study, we investigate the core of morphomechanics, harnessing defects, ...
2. The references are old; it's better to use up-to-date ones.
3. The English coherence should be corrected.
4. The Discussion part is confusing and doesn't have any innovation.
5. Please explain more about "Differentiation Waves: Coupling Morphogenesis and Cell Differentiation."
6. The measuring of mechanical stress is not completed.
7. The Figure 3 {Filopodia-like protrusions formed at $+1/2$ defects in an active nematic film (redrawn from Keber et al. 2014)} is not clear.