

Abstract Submitted  
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**Variational elasticity of thin plates** JAMES HANNA, Virginia Polytechnic Institute and State University — I will discuss and compare approaches to thin plates that have arisen recently in the soft matter physics community. The main issues arise because of the presence of at least two metric tensors in descriptions of elasticity. Favoring one or the other metric affects, among other things, the definition of bending energy and the cleanliness of the equations.

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