

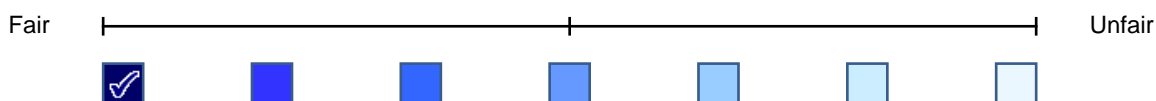
Fair Use Evaluation Documentation

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Name:	Andrei Cotiso Bura
Job Title:	Graduate Research Assistant
Institution:	Virginia Tech
Title of Work Used:	Loop Homology of Bi-secondary structures
Copyright Holder:	Andrei C. Bura, Qijun He, and Christian M. Reidys
Publication Status:	Unpublished
Publisher:	
Place of Publication:	
Publication Year:	
Description of Work:	Myself (Andrei C. Bura), together with Qijun-He and Christian Reidys, devised a new topological framework for the study of bi-secondary structures. From it we derived an integer observable for the complexity of these structures. We then proved that the aforementioned complexity is solely characterized by this observable.
Date of Evaluation:	October 21, 2019
Date of Intended Use:	October 21, 2019

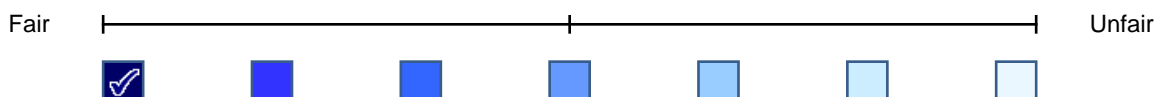
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The current use is one-time as it is used only in current ETD.



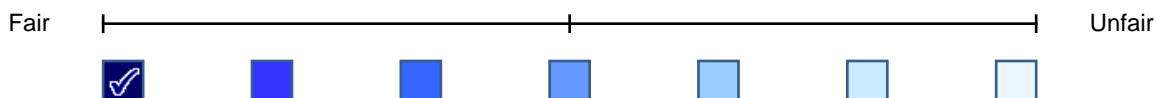
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