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Proposal Panel 1 : 2154250

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Agency Name:

National Science Foundation

Agency Tracking Number:

2154250

Panel Summary

Panel Summary

This proposal focuses on problems in dynamical algebraic combinatorics, proposing to unify and generalize the PI's previous work.

Intellectual Merit:

Panelists called this a well written proposal. Good examples and graphics to illustrate ideas. The questions are very interesting. The PI is a leader in the field, which is new and so merits support. The objects of study are innovative.

One panelist stated that, of the four problems proposed, only one gave strong evidence that the PI had a viable strategy to approach it; and that one problem starts with "systematically investigate", with no way to determine what is a success. Another said that it was not indicated what problems are suitable for students.

Broader Impacts:

An outstanding number of impactful activities are proposed, including some which are routine and others which are interesting and novel. One panelist pointed out that the mathematical topics lend themselves well to the browser-based interactive text treatment. The PI's past conferences at AIM and BIRS have had large impact on the community; this grant would allow him to continue.

Rationale for ranking and recommendation:

The panel placed the proposal in the "Recommended" category.

The summary was read to the panel and the panel concurred that the summary accurately reflects the panel discussion.

PANEL RECOMMENDATION: Recommended



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