

Interactive comment on “Critical Assessment of Geoengineering Strategies using Response Theory” by Tamás Bódai et al.

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In going through the citation list for this paper, I noticed that a paper that focused on linearity of climate response in the geoengineering context was not cited. I know that it is not the best form to ask people to consider your own papers, but in this case I think the suggestion may be warranted.

Several papers that Long Cao has led have discussed issues associated with the linearity of the climate response to solar geoengineering, but from a more empirical and less mathematical perspective than the work under consideration, and also not in the context of control theory. Nevertheless Bódai et al may want to consider the

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following paper:

<https://agupubs.onlinelibrary.wiley.com/doi/abs/10.1002/2015JD023901>

Fast and slow climate responses to CO₂ and solar forcing: A linear multivariate regression model characterizing transient climate change
Long Cao, Govindasamy Bala, Meidi Zheng, and Ken Caldeira
Geophysical Research Letters
20 November 2015 <https://doi.org/10.1002/2015JD023901>

Apologies in advance for burdening the authors with this shameless self-promotion.

Interactive comment on Earth Syst. Dynam. Discuss., <https://doi.org/10.5194/esd-2018-30>, 2018.

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