

Comments for IF03 (Tracking)

Snowmass Summary Report

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Template

Name:

Email contact:

Date:

Comments:

Name: Thomas Y Chen

Email contact: chen.thomas@columbia.edu

Date: July 30

Comments:

I assume that the authors plan to add more citations throughout the topical report, but in section 3.7 in the discussion of machine learning and topology optimization, here is one possible reference to include:

Chi, H., Zhang, Y., Tang, T. L. E., Mirabella, L., Dalloro, L., Song, L., & Paulino, G. H. (2021). Universal machine learning for topology optimization. *Computer Methods in Applied Mechanics and Engineering*, 375, 112739.

Additionally, a more detailed explanation of the use cases of ML could be helpful, as the current language is quite vague.
