## Permutation Models Arising from Topological Spaces

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Permutation models are a class of models of choiceless set theory, constructed using group actions on an underlying set. In [1], certain properties of the group action are identified which correspond to fragments of choice which hold in the model. In this talk, we will state some of these properties and look at examples which arise from topological spaces.

## References

[1] Jindrich Zapletal. Fraenkel–Mostowski models revisited. 2024. arXiv:2404.10612.

<sup>\*</sup>This is joint work with Jindrich Zapletal (University of Florida).