Grigorieff forcing and automorphisms of $\mathcal{P}(\omega)/fin$

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An automorphism of the Boolean algebra $\mathcal{P}(\omega)/fin$ is called trivial if it is induced by an almost permutation of ω. The existence of non-trivial automorphisms is not provable in ZFC. Methods for killing non-trivial automorphisms were developed by S. Shelah, J. Steprans and others.

We show that Grigorieff forcing may be used for killing non-trivial automorphisms while being ${}^{\omega}\omega$ bounding.