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Benson-Carlson duality for p -local finite groups

The augmentation map for the p -local cochains of a p -local finite group is Gorenstein in the sense of Dwyer-Greenlees-Iyengar, which generalizes classical Benson-Carlson duality for cohomology rings of classifying spaces of finite groups. In this talk we will explain how to obtain this from the existence of embeddings of p -local finite groups in special unitary groups. This is joint work with N. Castellana and L. Morales.