ON STONE DUALITY FOR SKEW BOOLEAN ALGEBRAS

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The Stone duality states that the categories of [generalized] Boolean algebras with morphisms, and [locally-compact] Boolean spaces with proper continuous maps are equivalent. Skew Boolean algebras present a non-commutative generalization of Boolean algebras. In the talk we shall describe a generalization of Stone’s duality to a category of skew Boolean algebras satisfying certain additional constraints.

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