

Non-commutative Stone duality

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This will consist of four talks. I will assume no background knowledge apart from that obtained in a general mathematical education. My goal is to set up the theory of non-commutative Stone duality and to pose some questions. My four talks will cover the following material:

- Inverse semigroups.
- Boolean inverse monoids.
- Non-commutative Stone duality.
- MV-algebras and Boolean inverse monoids.