Discrete duality and rough sets Arun Kumar IIT Kanpur

In this talk, we present the following.

- 1. An overview of discrete duality.
- 2. As an application, the duality via truth theorem.
- 3. Discrete duality of Heyting algebras and those with operators.
- 4. In particular, generalized rough set algebra forms a kind of Heyting algebra with operators. So, what kind of duality does one obtain?