

Ideals in Heyting semilattices and open homomorphisms

Anna Tozzi *

Subfitness and its relation to openness and completeness is studied in the context of Heyting semilattices. A formally weaker condition (c-subfitness) is shown to be necessary and sufficient for openness and completeness to coincide. For a large class of spatial frames, $c\text{-subfit} = \text{subfit}$.

*Joint work with Aleš Pultr and Jorge Picado.