

On modal logic of product of neighborhood frames

Andrey Kudinov

We consider products of neighborhood frames - a generalisation of products of topological spaces. We prove that for any pair L and L' of logics from the set $\{\mathbf{S4}, \mathbf{D4}, \mathbf{D}, \mathbf{T}\}$, the modal logic of products of L -neighborhood frames and L' -neighborhood frames is the fusion of L and L' .