

A CANCELLATION THEOREM FOR TENSOR PRODUCTS OF CONCEPT LATTICES

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ABSTRACT. Let $\mathbb{K}_1$, $\mathbb{K}_2$, and $\mathbb{L} = (H, N, J)$ be finite formal contexts such that $J \subsetneq H \times N$. It is proved that $\mathbb{K}_1 \times \mathbb{L} \cong \mathbb{K}_2 \times \mathbb{L}$ implies $\mathbb{K}_1 \cong \mathbb{K}_2$.