On intermediate conformal nets

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Abstract

Let $A$ be a completely rational net and $A \subset B$ an extension of $A$ with finite index. In this talk we will describe a recent general result which shows that the (maximal version of ) generalized Wall’s conjecture is true for the pair $A \subset B$. When combined with earlier results on cosets and conformal inclusions, this gives infinite families of subfactors from CFT which verify generalized Wall’s conjecture.