

2-ISOMORPHIC C^* -ALGEBRAS

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Recent years have seen 'finitely coloured' or 'dimensional' versions of von Neumann properties play important roles in the structure and classification of C^* -algebras. In this talk, I'll discuss this viewpoint, and develop the concept of a finitely coloured isomorphism between C^* -algebras. This is a more flexible relation between C^* -algebras which, for example sees traces but not K -theory. In particular all Kirchberg algebras are two coloured isomorphic.

This is joint work with Jorge Castillejos and Aaron Tikuisis.