THE FIELDS INSTITUTE

ABSTRACTS 1.2

FOR RESEARCH IN MATHEMATICAL SCIENCES

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Derived equivalences between selfinjective algebras with a double covering by a trivial extension algebra

We investigate derived equivalences between selfinjective algebras having the form $\hat{A}/\langle g \rangle$ for some algebra A of finite global dimension and some automorphism g of \hat{A} such that g^2 is equal to the Nakayama automorphism of \hat{A} , where \hat{A} is the repetition of A.