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On the inductive construction of Galois coverings of algebras

Let A be a finite dimensional algebra over an algebraically closed field k . Assume that A is given as a one-point extension $A = B[M]$, for an algebra B and a B -module M . We consider the general problem of construction and properties of coverings of A knowing the coverings of B . In particular, we use this technique to prove that the fundamental group of certain tame algebras is free.