

Frobenius Galois cowreaths

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For a Galois cowreath, we present a one to one correspondence between the Frobenius systems of the algebra extension induced by the cowreath and the Frobenius systems of the cowreath itself. In particular this says that the algebra extension is Frobenius if and only if the cowreath defining it is Frobenius. (Joint work with Blas Torrecillas.)