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*\*-autonomous structures on old categories*

Some anciently studied categories turn out to have \*-autonomous structures not previously noted; for example, the category of finitely generated additive group-valued functors from finitely generated abelian groups. This is, in fact, the free abelian category on one object generator. As all free structures on one generator it has a monoidal structure (it may be identified as composition of functors). It is neither the tensor product nor the “par” but lies between them.