

**Title:** Endocoherent complexes of modules

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Let  $R$  be an associative ring with identity. A complex  $C$  of  $R$ -modules is called *coherent* if it is finitely generated and every finitely generated subcomplex of  $C$  is finitely presented. Suppose that  $C = (C_i, d_i)_{i \in \mathbb{Z}}$  is a complex of right  $R$ -modules, and  $S$  is the endomorphism ring of  $C$ . There is a natural action of  $S$  on each term  $C_i$  so that  $C = (C_i, d_i)_{i \in \mathbb{Z}}$  becomes a complex of left  $S$ -modules. It is proved that  $S$  is a left coherent ring if and only if every complex  $P \in \text{pres } C$  has an add  $C$ -preenvelope. Moreover, if  $C$  is finitely presented, then it is coherent as a complex of left  $S$ -modules if and only if every finitely presented complex of right  $R$ -modules has an add  $C$ -preenvelope.

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