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**Alina C. Iacob\*** ([iacoba@uncw.edu](mailto:iacoba@uncw.edu)), Department of Mathematics and Statistics, University of North Carolina at Wilmington, 601 South College Road, Wilmington, NC 28403. *Direct sums of exact covers of complexes.*

We consider a left noetherian ring  $R$ . We give a necessary condition in order that every direct sum of exact covers of complexes over  $R$  to be an exact cover. We use this to show that under additional hypotheses on the ring, every direct sum of exact covers is an exact cover if and only if the ring has finite left global dimension (this is the case for commutative Gorenstein rings and for commutative artinian rings). (Received December 09, 2005)