

Landweber exactness re-examined

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Abstract

Thirty years ago Peter Landweber proved the Exact Functor Theorem. The intervening years have seen many applications of it, and a progressively better understanding of its role in homotopy theory. Recently the proof has been re-examined as well. I will discuss a perspective on cobordism comodules and a new proof of the Exact Functor Theorem due largely to Mike Hopkins.