

# PERSPECTIVITY, SPECIAL CLEANNESS AND CHAINS OF IDEMPOTENTS

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ABSTRACT. For a regular ring  $R$ , the following properties are known to be equivalent to unit-regularity:  $R$  is perspective; elements of  $R$  are special clean; isomorphic idempotents of  $R$  have isomorphic complementary idempotents. Our goal is to compare these properties in the general case, and study two distinct types of rings from these three points of view: perspectivity of direct summands, regular elements and idempotents. The talk is based on different works, some in collaboration with P. P. Nielsen and D. Khurana.

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