Regular Lifting Morphisms

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Abstract

In this talk, we introduce the concept of a regular lifting morphism by providing several examples and investigating all its properties and interrelations with local morphisms, unit lifting morphisms and regular lifting ideals. Moreover, we provide new characterizations of semilocal, semiperfect and semiregular rings in terms of regular lifting morphisms.

Keywords

von Neumann regular element, regular lifting, semiregular ring

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