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When every finitely generated flat module is projective.
(joint with Philipp Rothmaler)

A ring R is said to be *right S -ring*, if every finitely generated right R -module is projective. For instance, this is true if R is left or right noetherian.

A characterization of such rings was discovered by Sakhaev in 70's, but the English written version (with Facchini and Herbera) has appeared just recently.

We discuss a description of right S -ring with various additional conditions. For instance, we show that every ring with right or left Krull dimension is right S -ring. Possible applications and open questions will be addressed.