

## A silting theory and silted algebras

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Let  $A$  be a finite dimensional algebra and  $P$  a 2-term silting complex over  $A$ . In this talk, I will describe a way to relate the module categories of  $A$  and  $\text{End}(P)$ . This is a generalization of (classical) tilting theory. When  $A$  is hereditary,  $\text{End}(P)$  is called a silted algebra. I will show that the silted algebras are precisely the so-called shod algebras.

This is joint work with Aslak Bakke Buan.