

Tematica si bibliografia

Tematica:

1. Categorii de module si categorii derivate. Reprezentari de grupuri
2. Echivalente de categorii
3. Obiecte tilting si echivalente derivate
4. Obiecte silting

Bibliografia:

1. L. Angeleri-Hugel, *On the abundance of silting modules*, Surveys in representation theory of algebras, Contemporary Mathematics 716, Amer. Math. Soc., Providence, RI (2018), 1-23.
2. L. Angeleri-Hugel, *Silting objects*, Bulletin of the London Mathematical Society, 51(4), 2019, 658-690.
3. L. Angeleri-Hugel, M. Hrbek, *Silting modules over commutative rings*, International Mathematics Research Notices, 2017 (3), 2017, 4131–4151.
4. L. Angeleri-Hugel, F. Marks, J. Vitoria, *Silting Modules*, International Mathematics Research Notices, 2016 (4), 2016, 1251-1284.
5. S. Breaz, *The ascent-descent property for 2-term silting modules*, Publicacions Matematiques, 2020.
6. S. Breaz, G. C. Miodo, *Equivalences induced by infinitely generated silting modules*, Algebras and Representation Theory, 2020
7. S. Breaz, F. Pop, *Cosilting modules*, Algebras and Representation Theory, 20 (5), 2017, 1305-1321.
8. R. Gobel, J. Trlifaj, *Approximations and Endomorphism Algebras of Modules*, Walter de Gruyter, Berlin, 2012.
9. A. Yekutieli, *Derived categories*, Cambridge Studies in Advanced Mathematics (183), 2019.