

The global and weak global dimensions of algebras of integro-differential operators

*V. V. Bavula*¹

[v.bavula@sheffield.ac.uk]

We talk about recent results on computation of the global and weak global dimensions of the algebras of polynomial integro-differential operators \mathbb{I}_n , the Jacobian algebras \mathbb{A}_n and their factor algebras. [1].

Keywords

the global dimension, the weak global dimension, the algebra of integro-differential operators

References

[1] V. V. BAVULA, The global dimension of the algebras of polynomial integro-differential operators \mathbb{I}_n and the Jacobian algebras \mathbb{A}_n . *J. Algebra Appl.* **19**(2), 2050030, 28pp. (2020).