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Homological algebra of exceptional complete intersections. Preliminary report.

In this talk I will discuss an investigation of a certain class of complete intersection homomorphisms. I will present some of their well-behaved behavior, strongly linking the homological algebra over the source and target rings, while also presenting examples that reveal some surprising properties. This is joint work with Srikanth Iyengar, Janina Letz, and Jian Liu. (Received January 13, 2021)