

One Poincaré-Hopf type formula for determinantal surfaces and three-varieties with isolated singularities

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In this work we use the Poincaré-Hopf-Nash- Index, defined by Ebeling and Gusein-Zade, and, using Pereira's notion of Milnor Number for determinantal surfaces and determinantal three-varieties, we present a Poincaré-Hopf type formula for these varieties with isolated singularities.