

Singularities in Geometry and Topology in honour of Sabir Gussein-Zade with occasion of his 60th birthday.
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Quantum cohomology of symplectic resolutions

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SUMMARY

Symplectic resolutions lie on the cross-road of geometry, representation theory, and mathematical physics. All of these structures are intertwined in their quantum cohomology, that is, in the enumerative geometry of rational curves in them. There is a well mapped-out program for understanding those and I will report on the progress so far in this direction.

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