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A geometric R-matrix for the Hilbert scheme of points on a general surface

We explain how to use a Virasoro algebra to construct a solution to the Yang-Baxter equation acting in the tensor square of the cohomology of the Hilbert scheme of points on a general surface S . In the special case where the surface S is \mathbb{C}^2 , the construction appears in work of Maulik and Okounkov on the quantum cohomology of symplectic resolutions and recovers their R-matrix constructed using stable envelopes.