Citations
From References: 1
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MR2776845 (2012f:32037) 32Q60 14C05 14J35
Grivaux, Julien (F-PROV-LAT)
Topological properties of Hilbert schemes of almost-complex four-manifolds II.
(English summary)

Summary: “In this article, we study the rational cohomology rings of Voisin’s Hilbert schemes $X^{[n]}$ associated with a symplectic compact four-manifold $X$. We prove that these rings can be universally constructed from $H^*(X,\mathbb{Q})$ and $c_1(X)$, and that Ruan’s crepant resolution conjecture holds if $c_1(X)$ is a torsion class. Next, we prove that for any almost-complex compact four-manifold $X$, the complex cobordism class of $X^{[n]}$ depends only on the complex cobordism class of $X$.”


References


*Note: This list reflects references listed in the original paper as accurately as possible with no attempt to correct errors.*