Orbifold quantum cohomology of weighted projective spaces

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Résumé en anglais	This article is a revised, short and english version of my PhD thesis. First, we show a mirror theorem : the Frobenius manifold associated to the orbifold quantum cohomology of weighted projective space is isomorphic to the one attached to a specific Laurent polynomial. Secondly, we show a reconstruction theorem, that is, we can reconstruct in an algorithmic way the full genus 0 Gromov-Witten potential from the 3-point invariants.
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Liens

[1] http://okina.univ-angers.fr/etienne.mann/publications
[2] http://okina.univ-angers.fr/publications?f%5Bkeyword%5D=23083
[3] http://okina.univ-angers.fr/publications?f%5Bkeyword%5D=23082
[4] http://okina.univ-angers.fr/publications?f%5Bkeyword%5D=23081
[5] http://okina.univ-angers.fr/publications?f%5Bkeyword%5D=23084
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[7] http://dx.doi.org/10.1090/S1056-3911-07-00465-1
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