

# Enrico Manfredi: Disk and grid diagrams for knots and links in lens spaces

## Abstract:

We study the connection between two representations of links in lens spaces: the disk diagram of [CMM] and the grid diagrams of [BG]. This makes us able to transform the disk diagrams of some really interesting links in lens space to their correspondent grid diagrams and compute two invariants on them: the HOMFLY-PT invariant of [C] and the Heegaard Link Homology of [BGH]. These computations prove some interesting property of the mentioned invariants.

## References

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- [C] C. Cornwell, *A polynomial invariant for links in lens spaces*, J. Knot Theory Ramifications **21** (2012), no. 6, 1250060, 31 pp.