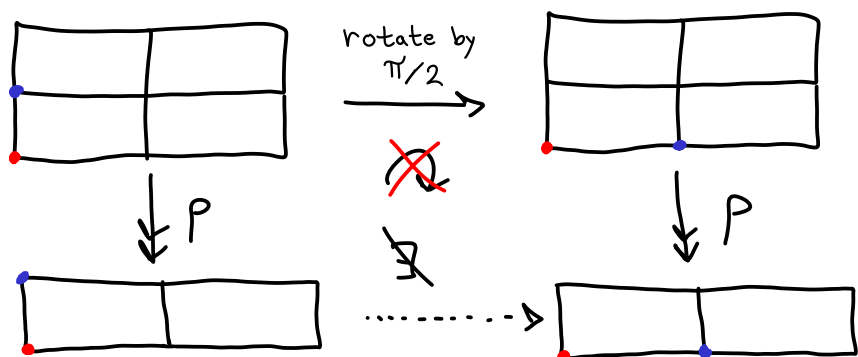


Priyadeep Mondal

Hyperbolic Knots & Hidden Symmetries

$S^3 - L \cong \mathbb{H}^3 / \rho$ when L is hyperbolic

Hidden Symmetry - $\rho: T^2 \rightarrow T^2$ a 2-covering



Q2: Are there any Knots w/hidden syms other than $\{8, 2 \times \text{dodec}\}$?

Results: None of these do

'08 • 2 bridge

'08 • $(-2, 3, n)$

'10 • All but finitely many Knots obtained from

$1/n$ Dehn fillings on the Belge^(?) mfd.