

## Thistlethwaite: The exact computation of some representation varieties

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9:11 AM

In the census of hyperbolic 3-manifolds there are 52 manifolds whose rep of  $\pi_1$  into  $SO(3,1)$  has a deformation inside  $SL(4, \mathbb{R})$ . There are 9 others for which there is a deformation at the level of tangent spaces which does not integrate.