

# On complexity and Turaev-Viro invariants of 3-manifolds

Andrei Vesnin

*Sobolev Institute of Mathematics, Novosibirsk, RUSSIA*  
[vesnin@math.nsc.ru]

We will discuss new results on Matveev's complexity of infinite families of orientable hyperbolic 3-manifolds. We will demonstrate how Turaev-Viro invariants of hyperbolic 3-manifolds with totally geodesic boundary can be used to find complexity of manifolds.

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