## A SMALL CLOSED CONVEX PROJECTIVE 4-MANIFOLD VIA DEHN FILLING

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**Abstract:** In order to obtain a closed orientable convex projective 4-manifold with small positive Euler characteristic, we build an explicit example of convex projective Dehn filling of a cusped hyperbolic 4-manifold through a continuous path of projective cone-manifolds.

**2010** Mathematics Subject Classification: 22E40, 53A20, 53C15, 57M50, 57N16, 57S30.

**Key words:** real projective structure, hyperbolic 4-manifold, Dehn filling, Euler characteristic, cone-manifold, Hilbert geometry.