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A Connected Sum of Knots and Fintushel-Stern Knot Surgery on 4-manifolds

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**Abstract:** We give some new examples of smooth 4-manifolds which are diffeomorphic although they are obtained by Fintushel-Stern knot surgeries on a smooth 4-manifold with different knots; the first such examples are given by Akbulut [1]. In the proof we essentially use the monodromy of a cusp.

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