

Seifert fibered surgeries on Montesinos knots

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Abstract. In this talk, Dehn surgeries on hyperbolic Montesinos knots yielding Seifert fibered spaces will be discussed. Actually we will consider the following cases;

- 1) the resultant manifolds have finite fundamental groups,
- 2) the knots are alternating.

We will give a complete classification of such surgeries in the case (1), and find certain restrictions on the knots and surgeries in the case (2).