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Neil R Hoffman* (nhoffman@math.utexas.edu). *Exceptional Surgeries and Hidden Symmetries*. Preliminary report.

In 2006, Reid and Walsh conjectured that there are at most 3 hyperbolic knot complements in a commensurability class. Recently, Boileau, Boyer, Cebanu, and Walsh have shown that the conjecture holds in the case of no hidden symmetries. Their results shows that commensurable knot complements occur in conjunction with exceptional fillings on a particular hyperbolic orbifold. In this talk, I will show that the figure 8 knot complement is the only knot complement that can admit a non-trivial exceptional surgery and hidden symmetries. (Received February 04, 2011)