1073-57-88   **Joan E. Licata***, School of Mathematics, Simonyi Hall, Einstein Dr., Institute for Advanced Study, Princeton, NJ 08540, and **Joshua Sabloff**. *Rational Classical Invariants in Seifert Fibered Spaces.*

We consider Legendrian knots in Seifert fibered spaces equipped with transverse, S^1-invariant contact structures, and we represent such knots combinatorially using labeled diagrams. When the knot has finite homological order, an analogue of Seifert's algorithm enables the computation of the rational Thurston-Bennequin and rotation numbers from numerical data on the labeled diagram. (Received July 27, 2011)