1142-57-98   **Caitlin Leverson*** (`leverson@math.gatech.edu`) and **Dan Rutherford**. *Satellite ruling polynomials and representations of the Chekanov-Eliashberg algebra.*

Given a pattern braid β in $J^1(S^1)$, to any Legendrian knot K in $\mathbb{R}^3$ with the standard contact structure, we can associate the Legendrian satellite knot $S(K, \beta)$. We will discuss the relationship between augmentations of the Chekanov-Eliashberg differential graded algebra of $S(K, \beta)$ and certain representations of the Chekanov-Eliashberg differential graded algebra of K. For certain patterns, we can then relate a specialization of the ruling polynomial of $S(K, \beta)$ to these representation numbers. (Received August 30, 2018)