1117-57-339   **Mustafa Hajij*** (`mustafahajij@gmail.com`), Tampa, FL 33647, and **Mohamed Elhamdadi**. *A one variable generalization of the Kauffman and Vogel polynomial.*

Kauffman and Vogel's polynomial is an invariant for unoriented four-valent graphs embedded in three dimensional space. In this talk we give a one variable generalization of this invariant. This generalization is given as a sequence of invariants in which its first term is the Kauffman and Vogel's polynomial. (Received January 17, 2016)