1077-55-2097   **Brenda Johnson*** (`johnsonb@union.edu`), **Kristine Bauer**, **Rosona Eldred** and **Randy McCarthy**. *Models for Taylor towers of functors.*

We discuss various methods for defining Taylor towers of functors and how they are related to Goodwillie's calculus of homotopy functors. We use some of these constructions to show that two potential methods for defining an analogue of DeRham cohomology for E_∞-algebras are equivalent. (Received September 21, 2011)