1042-55-131   **Brenda Johnson*** (`johnsonb@union.edu`), Department of Mathematics, Union College, Schenectady, NY 12308, and **Kristine Bauer** and **Randy McCarthy**. *Calculus of Homotopy Functors Revisited.* Preliminary report.

We consider two Taylor towers associated to functors: the tower of degree n approximations constructed by the authors, and the tower of n-excisive functors of Tom Goodwillie. We discuss how to construct and view these towers in settings where the domain category is not based, and provide comparisons of the two towers. (Received August 15, 2008)