1154-65-1460   **Timo Heister*** (`heister@clemson.edu`), Clemson, SC 29634, and **Luca Heltai** and **Natasha Sharma**. *A comparison of discretizations for the Biharmonic equation.* Preliminary report.

We consider different finite element discretizations for the fourth order Biharmonic equation and discuss a-priori analysis, implementation, and practical limitations. This includes the C0 interior penalty scheme, C1 finite elements, and mixed formulations. (Received September 15, 2019)