

1154-65-1432      **Leo Rebholz\*** (rebholz@clemson.edu). *New results for the EMAC formulation of the Navier-Stokes equations.* Preliminary report.

After a review and derivation of the EMAC (Energy-Momentum-Angular momentum Conserving) formulation for the Navier-Stokes equations, we discuss new results concerning numerical implementation, analysis, testing, and application to reduced order modeling. (Received September 15, 2019)