1083-60-134 **Hakima Bessaih*** (`bessaih@uwyo.edu`), Department of Mathematics, Laramie, WY 82071, and **Zdislaw Brzezniak** and **Annie Millet**. *Splitting up method for a 2D stochastic Navier-Stokes equations.* Preliminary report.

We consider a 2D Stochastic Navier-Stokes equations with a multiplicative noise. Here, we deal with the convergence of some iterative schemes. The stochastic equation is split into two problems which are simpler for numerical computations. Moreover, an estimate "in probability" of the approximation error is given. (Received August 25, 2012)