1092-35-166 **Jorge Rivera-Noriega*** (rnoriega@uaem.mx), Facultad de Ciencias, Universidad Autónoma del Estado de Morelos, Av. Universidad 1001, Col. Chamilpa, CP62209 Cuernavaca, Morelos, Mexico.

Perturbation and solvability of initial L^p Dirichlet problems for parabolic equations over non-cylindrical domains.

We observe that by adapting a technique due to L. Escauriaza one can prove the preservation under small perturbations as well as the solvability of initial L^p Dirichlet problems for certain linear parabolic equations in divergence form over non-cylindrical domains. Both results assume certain Carleson measure type conditions on the coefficients. (Received August 08, 2013)