962-47-1069 **Valentin Keyantuo*** (`keyantuo@rrpac.upr.clu.edu`), University of Puerto Rico, Department of Mathematics, P.O. Box 23355, San Juan, PR 00931. *Local Laplace transform and singular Cauchy problems.* Preliminary report.

We use local Laplace transform techniques to investigate singular Cauchy problems. In particular, we obtain Hille-Yosida type generation theorems. (Received October 02, 2000)