

1067-Z1-1562 **Yang Xinyao*** (xywp8@mail.missouri.edu), 1133 Ashland Road, Apt 1612, Columbia, MO
65201. *Semigroup Operators in Cauchy Problems.*

This presentation examines the semigroup properties of operators in solving the Cauchy Equations. In the first part of my presentation, I will introduce the semigroup properties and the solution for classical Cauchy problems. In the second part of my presentation, I will deduce the method I use for some non-classical Cauchy problems. (Received September 21, 2010)