1046-35-54   **Eun Kyoung Lee**, **Ratnasingham Shivaji** and **Jinglong Ye*** (`jy79@msstate.edu`). *Classes of Infinite Semipositone Systems.*

We analyze the positive solutions to classes of nonlinear elliptic systems with Dirichlet boundary conditions, in particular, when the reaction terms tend to $-\infty$ at the origin and satisfy a combined sublinear condition at ∞. We use the method of sub-super solutions to establish our results. (Received July 12, 2008)