Worst-case  $||F(x^{N+1})||^2$  for PP,  $\rho = 1$ 10<sup>0</sup>  $\gamma = 2.05$ : PEP  $\gamma = 2.05$ : bound (6)  $||F(x^{N+1})||$  $10^{-1}$  $\gamma = 2.05$ : bound (7)  $\gamma = 2.05$ :  $\frac{\rho^2}{\gamma(\gamma - 2\rho)}$  $\gamma = 3$ : PEP  $\gamma = 3$ : bound (6)  $10^{-2}$ / = 3: bound (7)  $\gamma = 3$ :  $\frac{\rho^2}{\gamma(\gamma - 2\rho)}$ 100  $10^{1}$