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Liancheng Wang*, Department of Mathematics and Statistics, Kennesaw State University, 1000 Chastain Rd, Kennesaw, GA 30144. *Mathematical Analysis of HIV Models with Treatment.*

In this research, we study mathematical models that describe the interaction of human immune system and HIV virus. The models incorporate two major drug therapies: RT inhibitor and Protease inhibitor. Mathematical analysis is carried out and local and global dynamics of the systems are established. (Received September 02, 2008)