LINEAR EQUATIONS.



Lab #3c

1. Solve the system linear of equations

Instructor: Dr. Ha Viet Uyen Synh.

$$\begin{cases} 2x_1 + 7x_2 + x_3 &= 19\\ 4x_1 + x_2 - x_3 &= 3\\ x_1 - 3x_2 + 12x_3 &= 31 \end{cases}.$$

- a) by the Jacobi method
- b) by the Gauss-Seidel method (3 iterations).

Theoretical Models for Computing