$$dX_1 \overline{dt = -\frac{1}{5} X_1^2 - \frac{1}{10} X_1 X_2 + X_1} \quad dX_2 \overline{dt = -\frac{1}{5} X_1 X_2 - \frac{1}{3} X_2^2 + X_2}$$