$$F = kx$$

$$F = cv$$

$$V = L\frac{di}{dt}$$

$$i = C\frac{dV}{dt}$$

$$V = iR$$

$$P_1 - P_2 = RQ$$

$$Q_1 - Q_2 = C\frac{d(P_2 - P_1)}{dt}$$

$$C = \frac{A}{\rho g}$$

$$C = \frac{A^2}{k}$$

$$P_1 - P_2 = I\frac{dQ}{dt}$$

$$I = \frac{L\rho}{A}$$

$$T_1 - T_2 = Rq$$

$$R = \frac{L}{Ak}$$

$$R = \frac{1}{Ah}$$

$$q_1 - q_2 = C\frac{dT}{dt}$$

$$C = mc$$

$$\Delta y = \left(\left.\frac{\partial f}{\partial a}\right|_{a=a_0}\right)\Delta a + \left(\left.\frac{\partial f}{\partial b}\right|_{b=b_0}\right)\Delta b + \left(\left.\frac{\partial f}{\partial c}\right|_{c=c_0}\right)\Delta c + \ldots$$

Rules:

(1) Each rung must begin with an input instruction, or a series of input instructions, and end with an output instruction or a special instruction.

(2) Each output instruction should occur once in a program.