$$\frac{V(s)}{V_{1}(s)} = \frac{1}{s} = \frac{1}{s+4}$$

$$\frac{V_{1}(s)}{V_{2}(s)} = \frac{1}{s} = \frac{1}{s+4}$$

$$\frac{V_{1}(s)}{V_{2}(s)} = \frac{1}{s} = \frac{1}{s-2}$$

$$\frac{V(s)}{V_{2}(s)} = \frac{1}{s} = \frac{1}{s} = \frac{1}{s}$$

$$\frac{V(s)}{V_{2}(s)} = \frac{1}{s} = \frac{1}{s}$$

$$\frac{V(s)}{V_{2}(s)} = \frac{1}{s} = \frac{1}{s}$$

$$\frac{V(s)}{V_{2}(s)} = \frac$$

EX. BLUCK DIHGRAM CONSTRUCTION

FROM (-BO" MX + CX + KX = F

$$\dot{x} = \frac{1}{m} F - \frac{1}{m} \dot{x} - \frac{1}{m} x$$

