

$$K_1 + \frac{1}{2}K_3 = 0$$

$$K_2 + \frac{1}{2}K_3 = 0$$

$$K_3 = t$$

$$K_1 + \frac{1}{2}t = 0$$

$$K_1 = -\frac{1}{2}t$$

$$K_2 = -\frac{1}{2}t$$

$$K_3 = t$$

linearly dependent.