$$f(x) = g(x) - g(x) - f(x)$$

$$f(x) = f(x) - f(x) - f(x) - f(x)$$

$$f(x) = f(x) - f(x) - f(x)$$

$$f(x) = f(x) - f(x)$$

$$f(x) = f(x)$$

19:46

$$f_2 = 0(+-1) - 0(+-2)$$

$$y_2 = +0(+-1)-(+-1)o(+-2)$$

$$y_3 = -+0(+) + 3(+-1)0(+-1)-2(+-2)0(+-2)$$

om vi foljer De Finitionen for linjer gotuni

$$S(f_3) = -1 \cdot S(f_1) + S(f_2) =$$

$$= -y_1 + y_2 = -t0(t) + (t-1)0(t-1) + t0(t-1) - (t-1)0(t-1) =$$

$$=-+0(+)+(2+-1)0(+-1)-(+-1)0(+-2)\neq$$

Sv: Systemet ar ej linjart då det inte

Fortjer definitionen for linjanitet,

$$\int_{3} = -f_1 + f_2 \quad \oplus C$$

$$S(f_2) = -8(f_1) + 8(f_2) - y_1 + y_2 \neq y_3$$