

(E1)  $(0,1x-1)(0,2x-2)(0,03x-0,3)=0$

(E2)  $\frac{2x+3}{5x-1}=2$

(E3)  $4\sqrt{7}x-0,8=2\sqrt{7}-1,6x$

(E4)  $\frac{3}{x}=\frac{x}{5}$

(E5)  $x^4-1=0$

(E6)  $(x-2)(x+1)-x=-2$

(E7)  $16x^2-8x+1=0$

(E8)  $\frac{x^2+1}{x-1}=\frac{2x}{x-1}$

(E9)  $(x-2)^2=\frac{1}{16}(5-2x)^2$

(E10)  $\frac{x-\frac{4}{x}}{x-2}=\frac{x+2}{x}$

(E11)  $(x+1)(3-2x)=4x^2-9$

(E12)  $\frac{x^2}{1-2x}=-1$

(E13)  $(x+2)^2=2(x^2-4)$

(E14)  $\frac{x^2+x+1}{2x-3}=\frac{1}{2}$

(E15)  $\frac{1}{x(x+1)}=\frac{1}{x}-\frac{1}{x+1}$

(E16)  $(x+3)(x-7)-(x-1)(x+2)=0$

(E17)  $\frac{(x^2-2x+1)(x+1)}{(x-1)(x^2-1)}=1$

(E18)  $x^3-x=2x^2-2$

(E19)  $\frac{1}{x+2}=\frac{1}{x^2-4}$

(E20)  $(2x-6)^2+x-3=0$

(E21)  $\frac{x+2}{x-1}=2x$

(E22)  $x^2-x-1=0$

(E23)  $\frac{1}{x}+\frac{1}{x+1}=2$

(E24)  $(x^2-9)(2x+1)=(x+3)(2x+1)^2$

(E25)  $\frac{2}{x-1}=1-\frac{x}{x+1}$

(E26)  $(2x+5)^2-2(7x+4)=4(x+3)^2-1$

(E27)  $2x-3=\frac{9(2x-3)}{x^2-4x+4}$

(E28)  $\frac{x^2-1}{(x-1)^2}=\frac{1}{x-1}$

(E29)  $(3x+2)^2=(x-5)^2$

(E30)  $x^2-x-\frac{3x}{x+1}=0$

(E31)  $(\pi-4x)^2-\pi^2=-8x(\pi-2x)$

(E32)  $\frac{1}{x+1}=\frac{1}{1-x}$

(E33)  $\frac{x^2}{16}+\frac{x}{2}+1=0$

(E34)  $\frac{5}{x+3}+1=\frac{x-1}{x+2}$

(E35)  $\frac{x^2-2}{x^2-1}=0$

(E36)  $\frac{9x^2-4}{(3x+2)^2}=0$

(E37)  $\frac{x^2+2x+1}{x^2-1}=0$

(E38)  $\frac{x^3-2x^2+x}{x}=0$

(E39)  $(2x+1)^2-3\left(x+\frac{1}{2}\right)=0$

(E40)  $\frac{x^3+x^2-2x}{5x}=0$

(E41)  $4=(x\sqrt{2}-1)^2$

(E42)  $\frac{5x+1}{3x+2}-\frac{2x+7}{2x-1}=0$

(E43)  $(1-3x)^2-5=0$

(E44)  $\frac{(4x^2-25)^2}{(2x+5)^2}=1$

(E45)  $\frac{(x^2-4)(x+1)}{x+2}=\frac{(2-x)(x^2-1)}{x-1}$

(E46)  $\frac{x+1}{x}=\frac{x-2}{x+1}$

(E47)  $(\sqrt{2}-\sqrt{5}x)^2-5=x(5x-2\sqrt{10})$

(E48)  $\frac{2x}{x+1}=\frac{x+1}{8x}$

(E49)  $5x^4=10x^3-5x^2$

(E50)  $\frac{x^2+1}{x^2-4}=\frac{3}{x+2}-\frac{3}{x-2}$