

Handwritten scribble

x.

1

-3/2 1 2/3

-7 - 1/5 -7 -3/2 1 2/3 5 5 + 1/2

(x-1) -q-η -q 1 p p+ε

q=13 p=5

(x-1)(x-p)(x+q)(x-p-ε)(x+q+η)

x^2 - (p-q)x - pq = 0

x^2 - (p-q+ε-η)x - (p+ε)(q+η) = 0

x^4 - (p-q+ε-η)x^3 - (p+ε)(q+η)x^2 + (p+ε)(q+η)(p-q)x + pq(p+ε)(q+η) = 0

x^4 - (2p-2q+ε-η)x^3 + (p^2+q^2-4pq+εp-εq-ηp+ηq-εη)x^2 + []x + pq(p+ε)(q+η)

ε=η=0

p=5 q=3

x^4 - 2(p-q)x^3 + (p^2+q^2)

x^4 - 4x^3 + (25+9-60-8θ-14θ-θ^2)x^2 + [15.2 + 2(5+θ)(3+θ)]x + 15(5+θ)(3+θ) = 0

x^4 - 4x^3 + (26+8θ+θ^2)x^2 + 2(30+8θ+θ^2)x + 15(5+θ)(3+θ) = 0

Handwritten scribbles and corrections