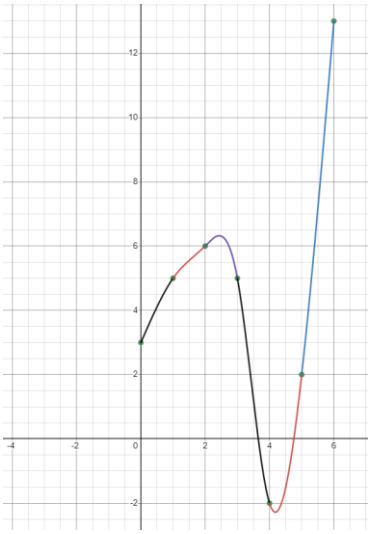
Cristhian Fabian Caballero Cárdenas

Trazadores Cúbicos - Grafica



f(x) = 3.0 + 2.287179487179487x + -0.2871794871794872x^3 {x>=0}{x<1}

f(x) = 2.276923076923077 + 4.456410256410257x + -2.1692307692307695x^2 + 0.435897435897436x^3 {x>=1}{x<2}

f(x) = 25.415384615384614 + -30.251282051282054x + 15.184615384615386x^2 + -2.4564102564102566x^3 {x>=2}{x<3}

f(x) = -186.43076923076924 + 181.59487179487178x + -55.43076923076923x^2 + 5.38974358974359x^3 {x>=3}{x<4}

f(x) = 293.07692307692304 + -178.03589743589743x + 34.47692307692307x^2 + -2.102564102564102x^3 {x>=4}{x<5}

f(x) = 152.6923076923077 + -93.80512820512821x + 17.630769230769232x^2 + -0.9794871794871796x^3 {x>=5}{x<6}

Polinomio Lagrange - Grafica

$$-\frac{11x^6}{120}+\frac{63x^5}{40}-\frac{119x^4}{12}+\frac{677x^3}{24}-\frac{4379x^2}{120}+\frac{1123x}{60}+3$$

$$-\frac{11(3{,}25)^6}{120}+\frac{63(3{,}25)^5}{40}-\frac{119(3{,}25)^4}{12}+\frac{677(3{,}25)^3}{24}-\frac{4379(3{,}25)^2}{120}+\frac{1123(3{,}25)}{60}+3$$
$$=3{,}41696167$$

Trazadores Cúbicos y Polinomio Lagrange - Grafica