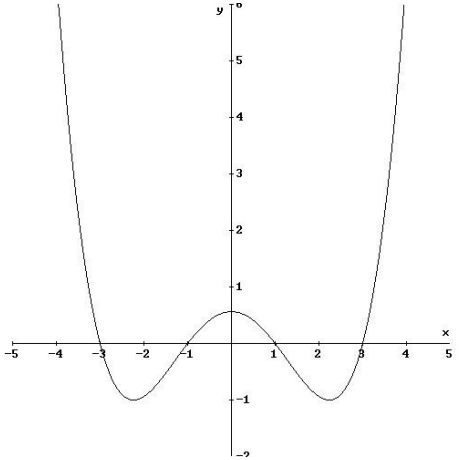
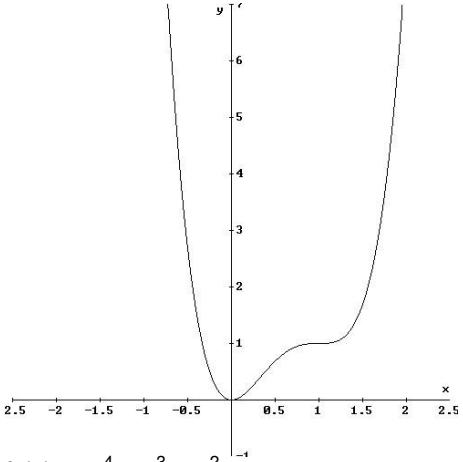


$f_1(x)= \frac{1}{16}x^4-\frac{5}{8}x^2+\frac{9}{16}$

Extrema: H(0|$\frac{9}{16}$) $T_1(-\sqrt{5}|-1)$ $T_2(\sqrt{5}|-1)$

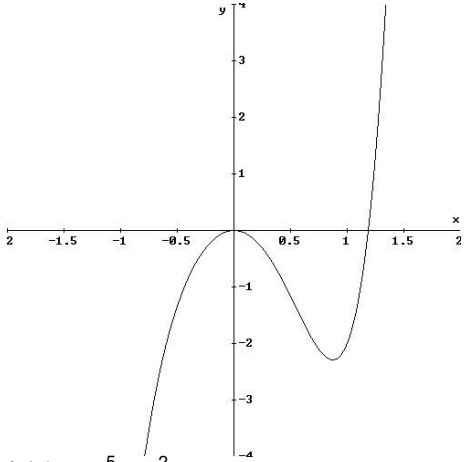
$N_1(-3|0)$ $N_2(-1|0)$ $N_3(1|0)$ $N_4(3|0)$ $Y(0|\frac{9}{16})$



$f_2(x)= 3x^4-8x^3+6x^2$

Extrema: T(0|0)

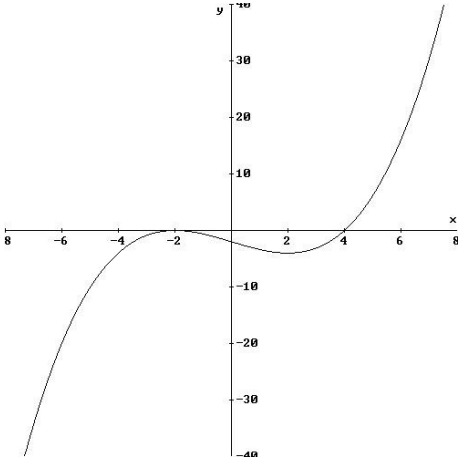
N(0|0) = Y(0|0)



$f_3(x)= 3x^5-5x^2$

Extrema: H(0|0) $T(\sqrt[3]{\frac{2}{3}}|-2,2)$

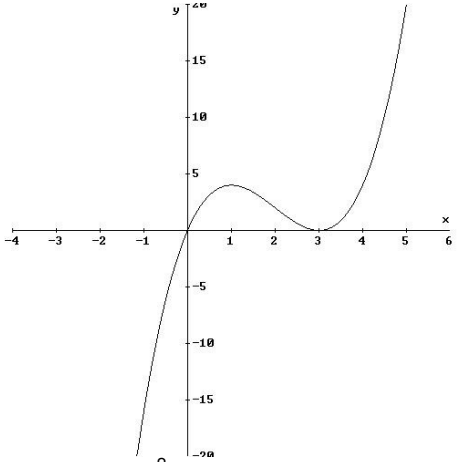
$N_1(0|0)$ $N_2(1,19|0)$ $Y(0|0)$



$f_4(x)= \frac{1}{8}x^3-\frac{3}{2}x-2$

Extrema: H(–2|0) T(2|–4)

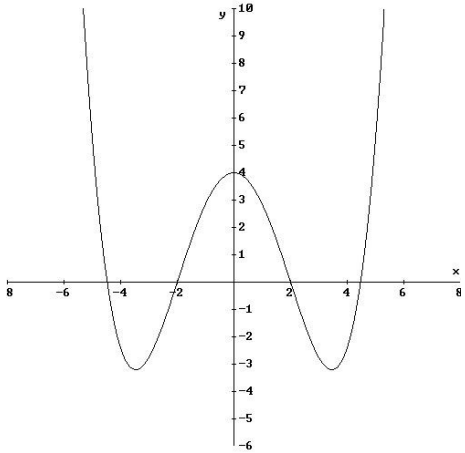
$N_1(-2|0)$ $N_2(0|0)$ $Y(0|0)$



$f_5(x)= x\cdot(x-3)^2$

Extrema: H(1|4) T(3|0)

$N_1(0|0)$ $N_2(3|0)$ $Y(0|0)$



$f_6(x)= \frac{1}{20}(x^4-24x^2+80)$

Extrema: $T_1(-\sqrt{12}|-\frac{16}{5})$ $T_2(\sqrt{12}|\frac{16}{5})$ H(0|4)

$N_1(-\sqrt{20}|0)$ $N_2(-2|0)$ $N_3(2|0)$ $N_4(\sqrt{20}|0)$ $Y(0|4)$