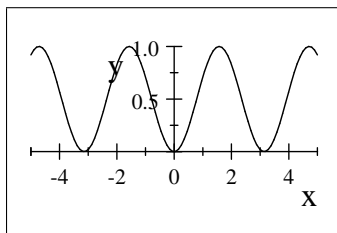
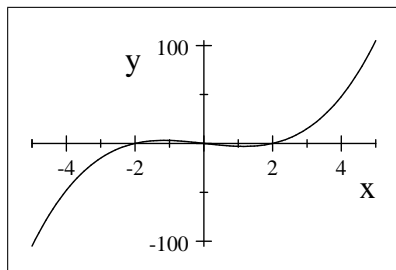


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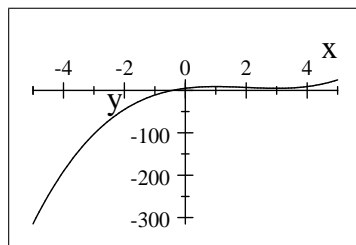
(1) $\sin^2 x$



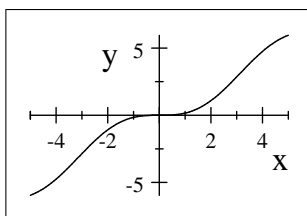
(2) $x(x^2 - 4)$



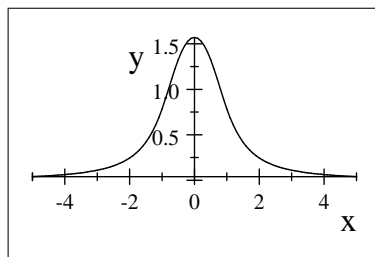
(3) $x^2(x - 6) + 9x + 5$



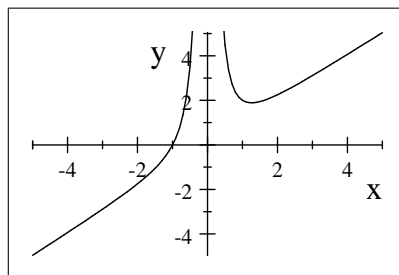
(4) $x - \sin x$



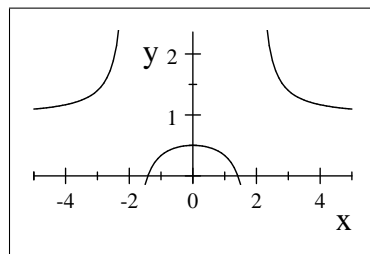
(5) $\arctan \frac{1}{x^2}$



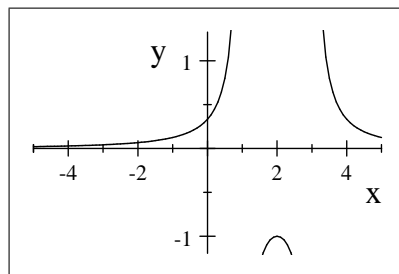
(6) $\frac{x^3 + 1}{x^2}$



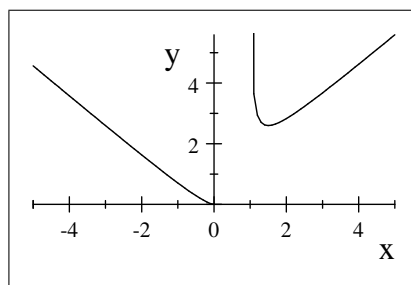
(7) $\frac{x^2 - 2}{x^2 - 4}$



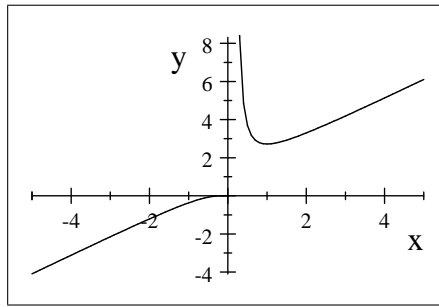
(8) $\frac{1}{(x - 1)(x - 3)}$



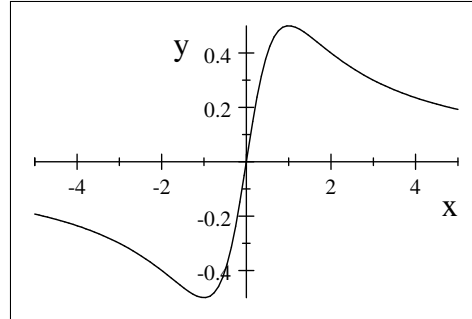
(9) $\sqrt{\frac{x^3}{x - 1}}$



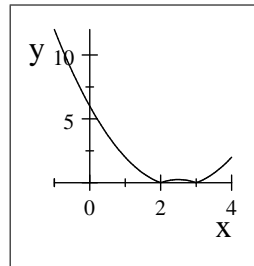
(10) $xe^{1/x}$



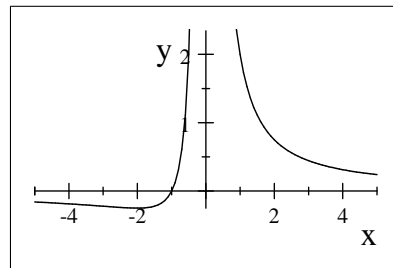
(11) $\frac{x}{1+x^2}$



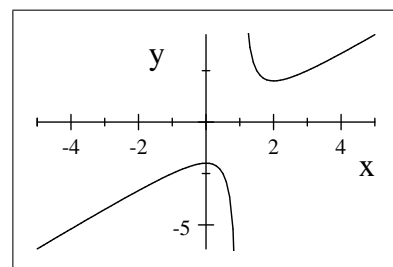
(12) $|x^2 - 5x + 6|$



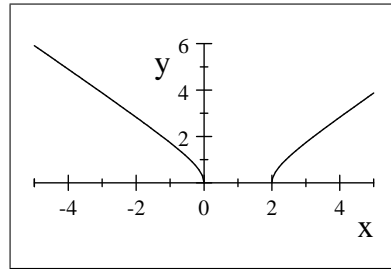
(13) $\frac{1}{x} + \frac{1}{x^2}$



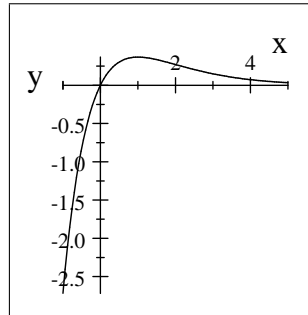
(14) $\frac{x^2 - 2x + 2}{x - 1}$



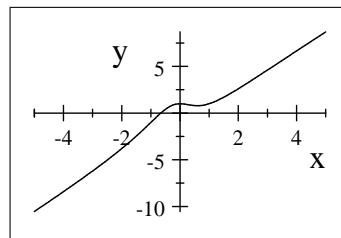
(15) $\sqrt{x(x-2)}$



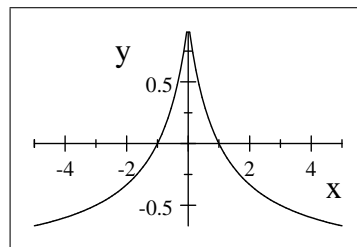
(16) xe^{-x}



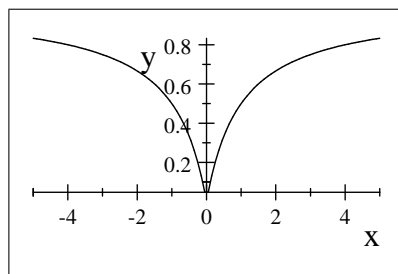
(17) $\frac{2x^3 - x^2 + 1}{x^2 + 1}$



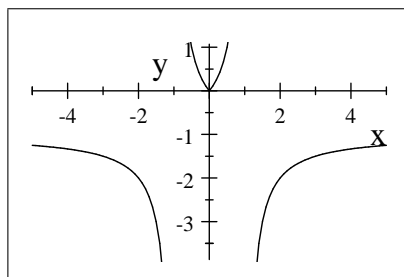
(18) $\frac{1 - |x|}{1 + |x|}$



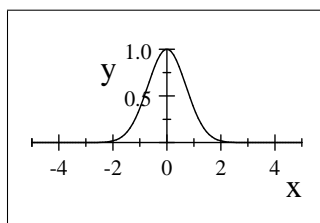
(19) $\frac{|x|}{1 + |x|}$



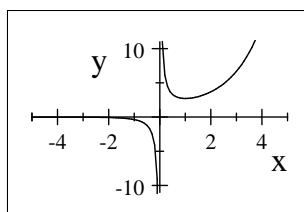
(20) $\frac{|x|}{1 - |x|}$



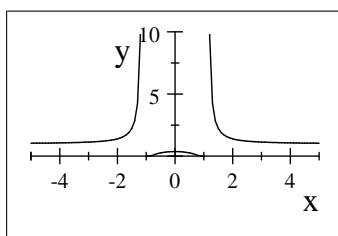
(21) e^{-x^2}



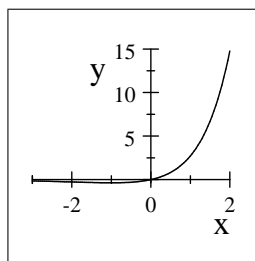
(22) $\frac{e^x}{x}$



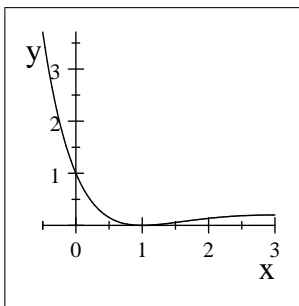
(23) $e^{1/(x^2-1)}$



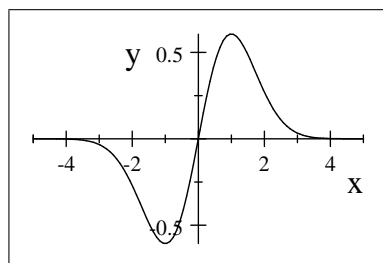
(24) xe^x



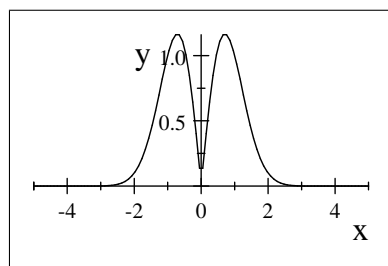
(25) $(x - 1)^2 e^{-x}$



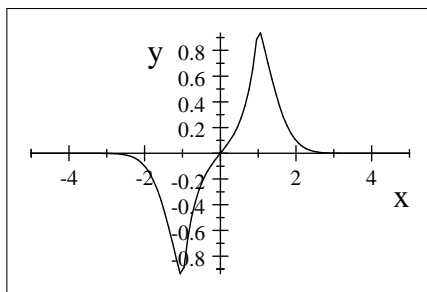
(26) $x e^{-x^2/2}$



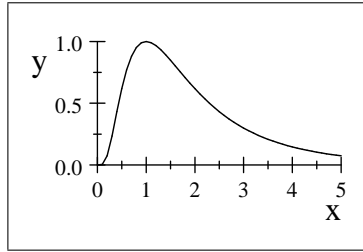
(27) $|x| e^{1-x^2}$



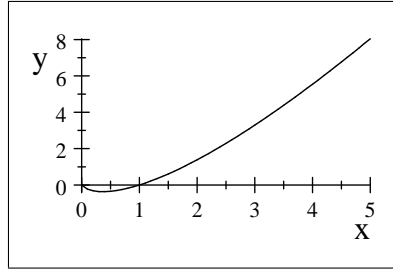
(28) $x e^{-|1-x^2|}$



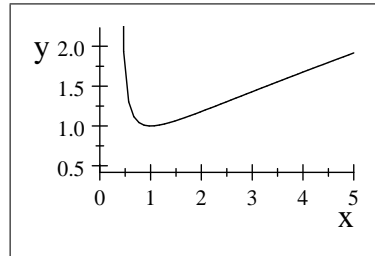
(29) $e^{-\log^2 x}$



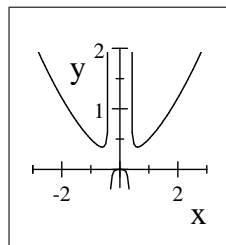
(30) $x \log x$



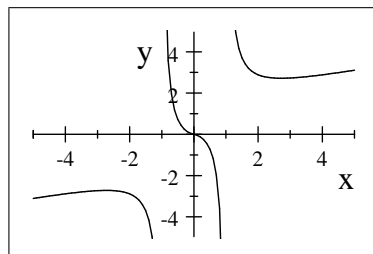
(31) $\frac{x}{1 + \log x}$



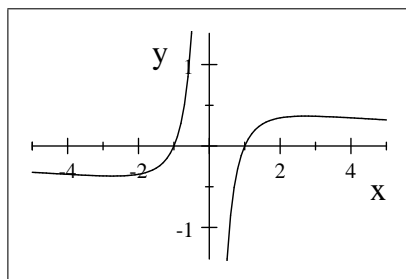
(32) $\frac{x^2}{2 + \log x^2}$



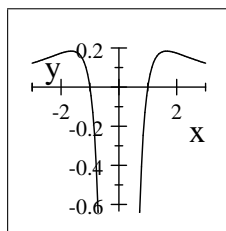
(33) $\frac{x}{\log |x|}$



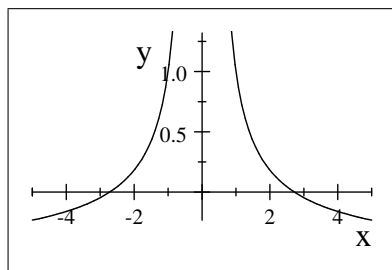
(34) $\frac{\log |x|}{x}$



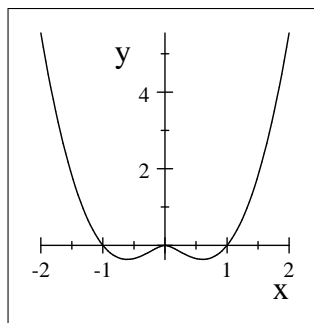
(35) $\frac{\log |x|}{x^2}$



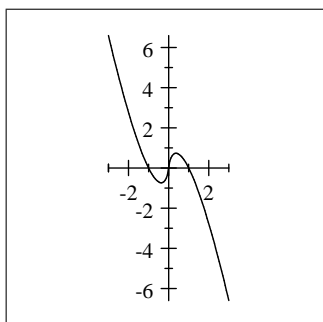
(36) $\frac{1 - \log |x|}{1 + \log |x|}$



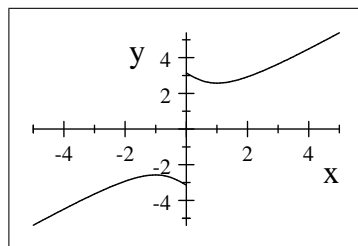
(37) $f(x) = x^2 \log x^2$, se $x \neq 0$, $f(0) = 0$.



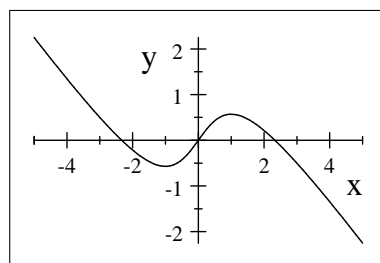
(38) $f(x) = x \log \frac{1}{x^2}$, se $x \neq 0$, $f(0) = 0$.



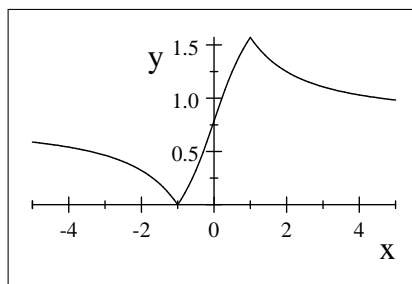
(39) $x + 2 \arctan \frac{1}{x}$



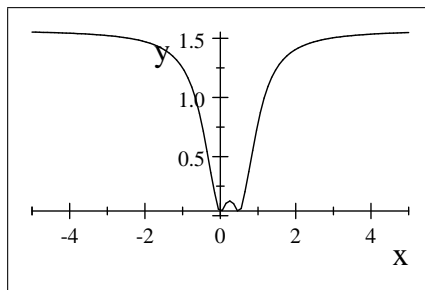
(40) $2 \arctan x - x$



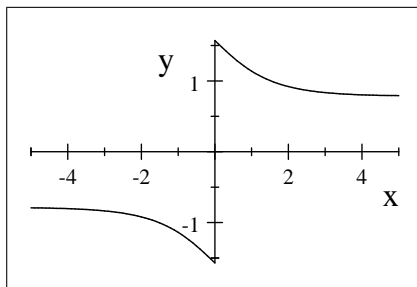
(41) $\arctan \left| \frac{1+x}{1-x} \right|$



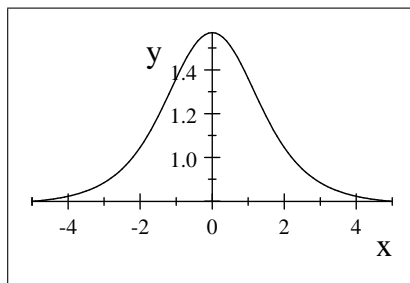
(42) $\arctan |2x^2 - x|$



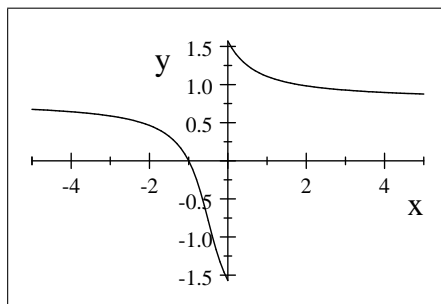
(43) $\arctan\left(\frac{1+e^{-x}}{1-e^{-x}}\right)$



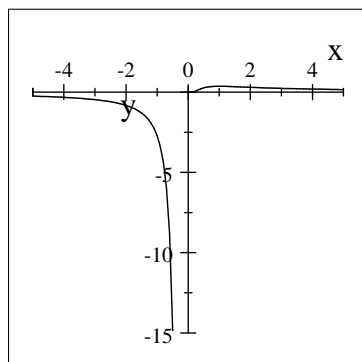
(44) $\arctan\left(\frac{1+e^{-x}}{1-e^{-x}}\right)^2$



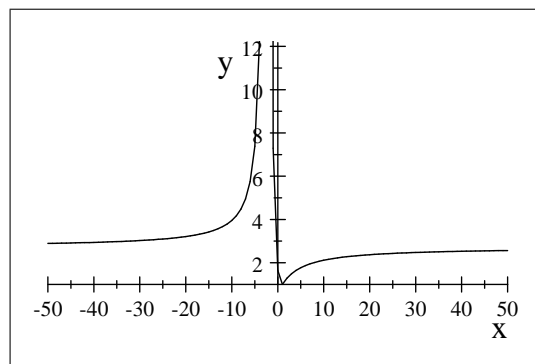
(45) $f(x) = \arctan\left(\frac{1+x}{x}\right)$ se $x \neq 0$, $f(0) = 0$.



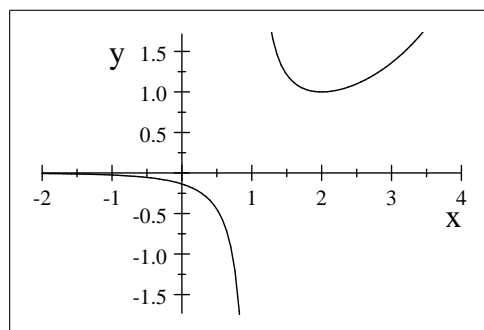
(46) $\frac{1}{x}e^{-\frac{1}{x}}$



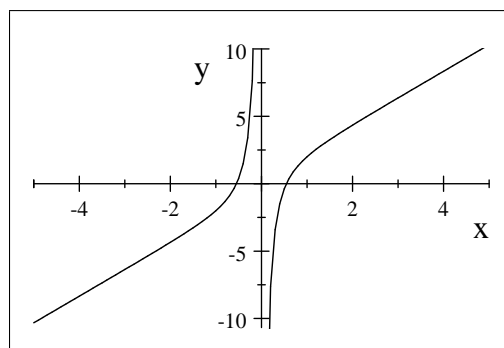
(47) $e^{\frac{|x-1|}{|x+2|}}$



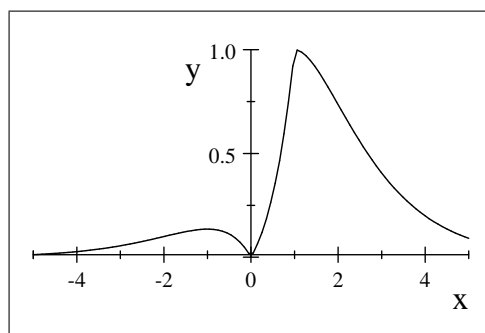
(48) $\frac{e^{x-2}}{x-1}$



(49) $\frac{2x^2 + \log|x|}{x}$



(50) $|x|e^{-|x-1|}$



(51) $\arctan x - \log \sqrt{1+x^2}$

