Sample 2D Graphics Plots Showing Possible Styles

September 11, 2003

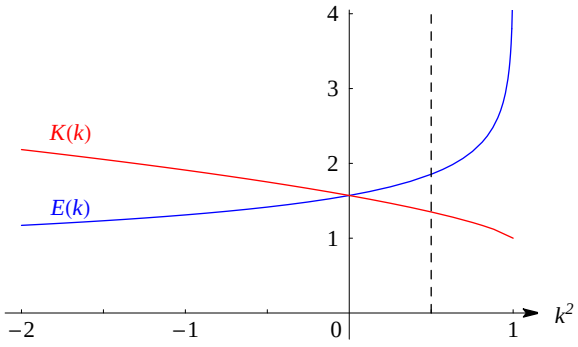
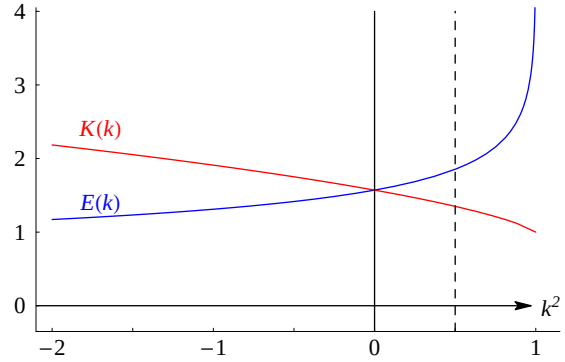


Figure EL.3.1: $K(k)$ and $E(k)$ as functions of k^2. Graphs of $K'(k)$ and $E'(k)$ are mirror images of these in the vertical line $k^2 = \frac{1}{2}$.[DLMF ID: fig:EL.LG.KE]



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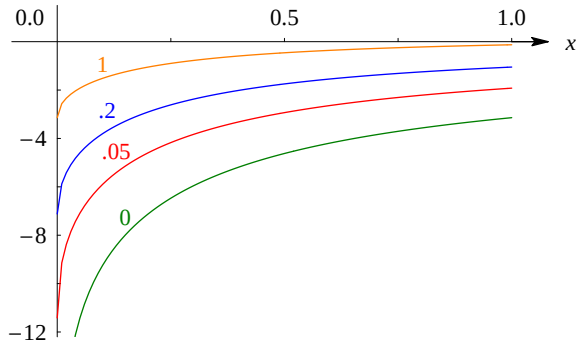
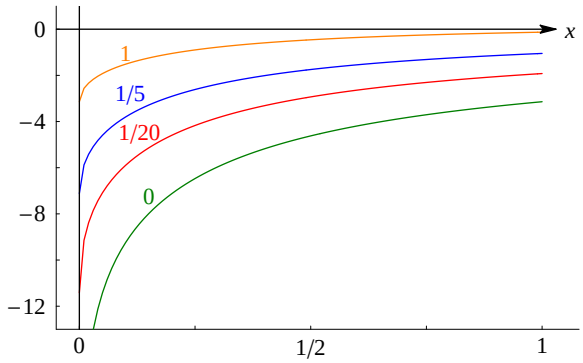


Figure EL.18.7: The Cauchy principal value of $R_J(x, y, 1, -0.5)$ for $y = 0, .05, .2, 1$.
$y = 0$:Complete;$y = 1$: Elementary. [DLMF ID: fig:EL.GR.7]



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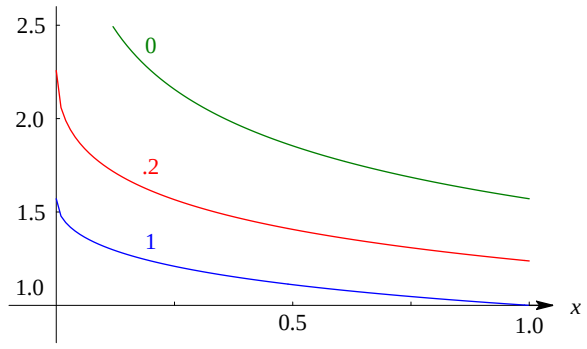
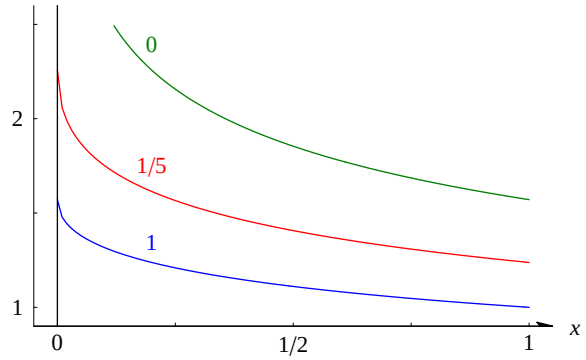


Figure EL.18.2: $R_F(x,y,1)$ for $y = 0, .2, 1$. $y = 0$:Complete; $y = 1$:$R_C(x,1)$.[DLMF ID: fig:EL.GR.2]



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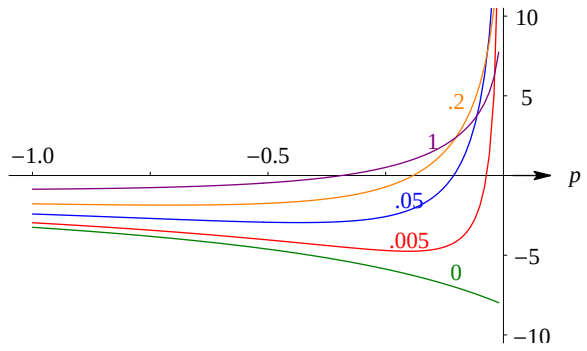
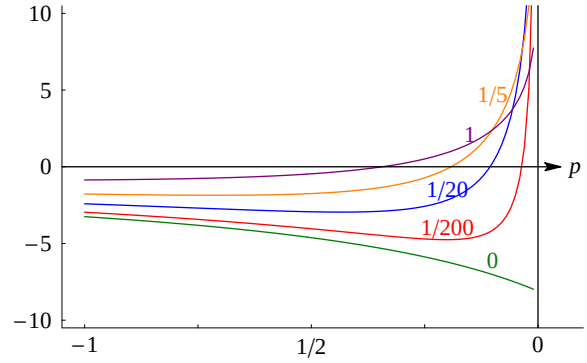


Figure EL.18.8: The Cauchy principal value of $R_J(0.5,y,1,p)$ for $y = 0, .005, .02, .05, .2, 1.y = 0$: Complete; $y = 1$: Elementary .[DLMF ID: fig:EL.GR.8]



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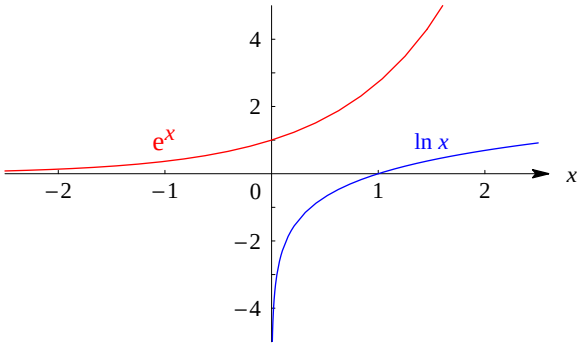


Figure 1: The real exponential and natural logarithm functions.

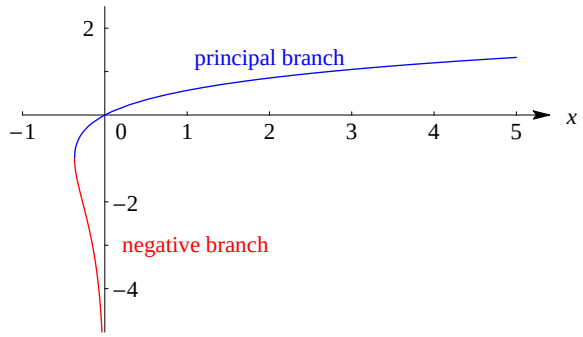


Figure 2: The two branches of Lambert's W-function

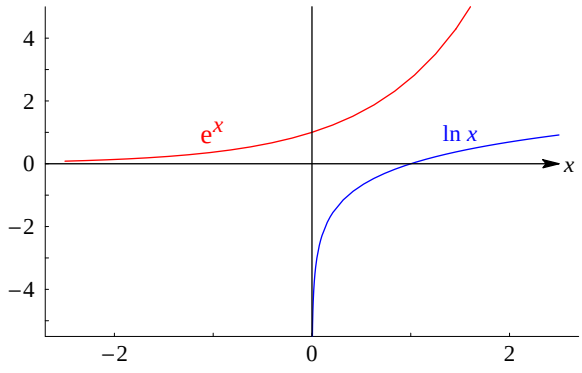


Figure 3: The real exponential and natural logarithm functions.

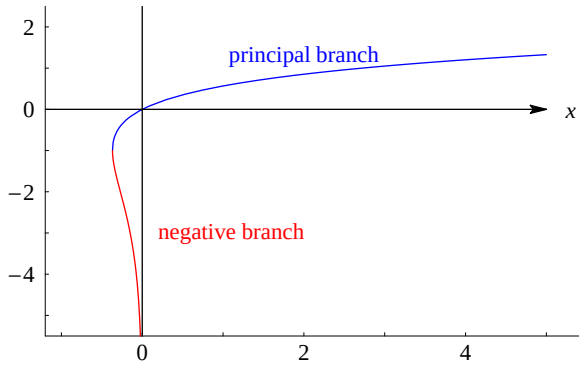


Figure 4: The two branches of Lambert's W-function

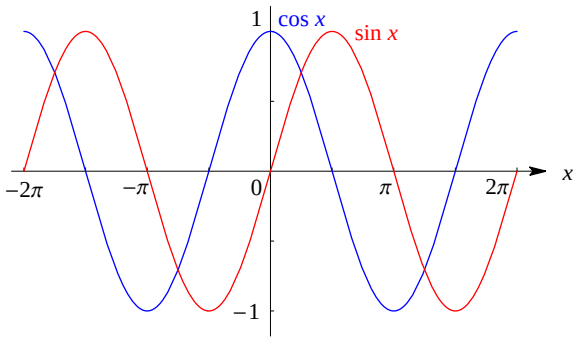


Figure 5: (a) $\sin x$ and $\cos x$.

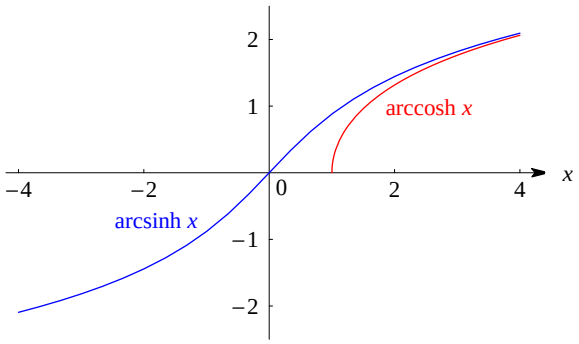


Figure 6: (a) $\operatorname{arccosh} x$ and $\operatorname{arcsinh} x$.

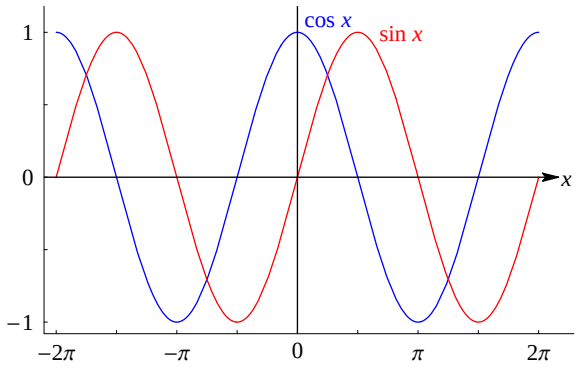


Figure 7: (a) $\sin x$ and $\cos x$.

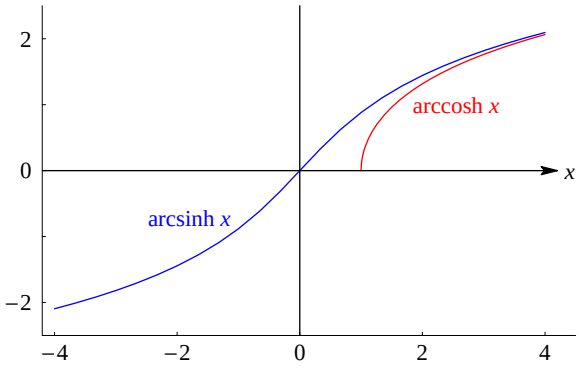


Figure 8: (a) $\operatorname{arccosh} x$ and $\operatorname{arcsinh} x$.

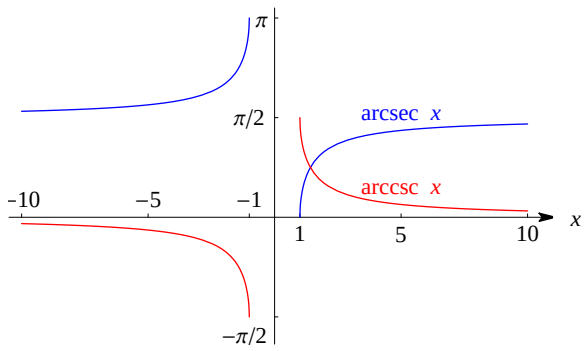


Figure 9: (c) arccsc x and arcsec x. Only principal values are shown.

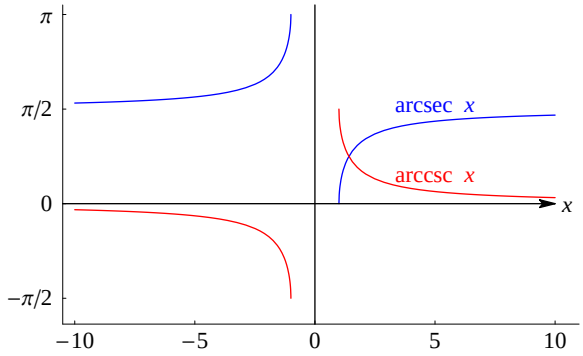


Figure 10: (c) arccsc x and arcsec x. Only principal values are shown.

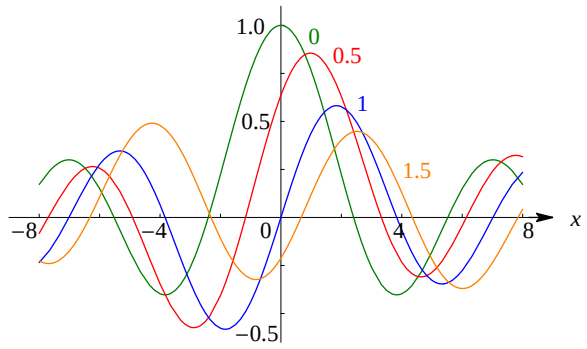
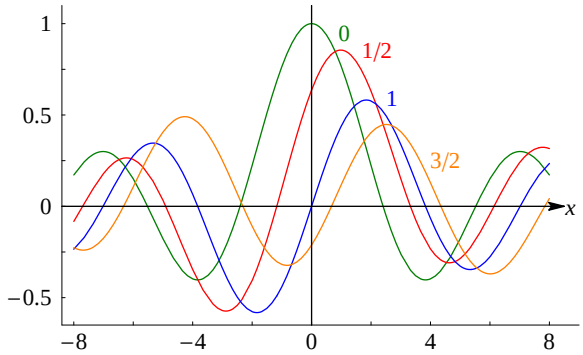


Figure ST.11.1: Anger functions $\mathbf{J}_\nu(x)$.
$\nu = 0, \frac{1}{2}, 1, \frac{3}{2}$. [DLMF ID: fig:ST.GVA.1]



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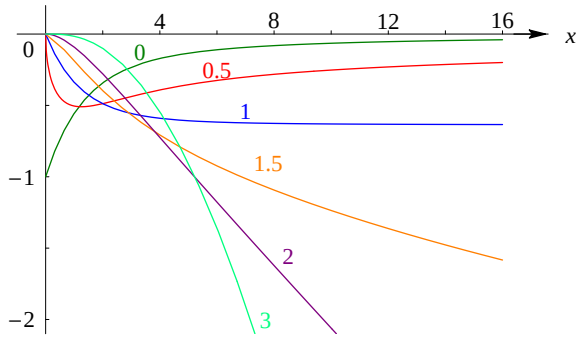
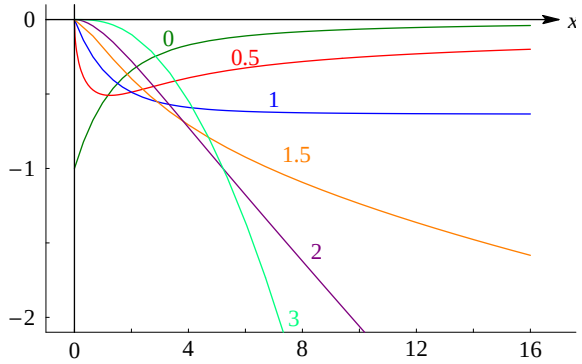


Figure ST.4.10: $\mathbf{M}_\nu(x)$. $\nu = 0, \frac{1}{2}, 1, \frac{3}{2}, 2, 3$. [DLMF ID: fig:ST.GV.10]



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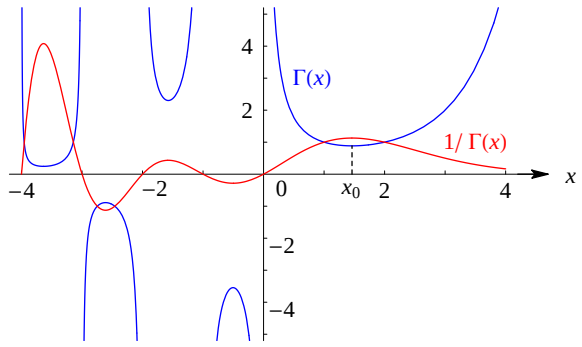
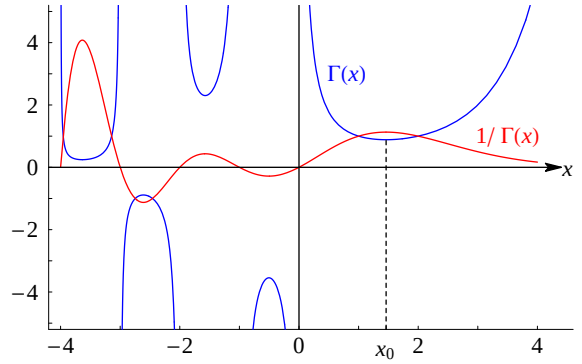


Figure GA.3.1: $y = \Gamma(x), y = 1/\Gamma(x)$.
$x_0 = 1.46163\ 21449$, $\Gamma(x_0) = 0.88560\ 31944$.
[DLMF ID: fig:GA.G.RA.1]



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