$N := 50$ $\quad$ $\text{appVersion}(4) = \text{"0.99.7610.506"}$

for $n \in [1..N]$

$x_n := \frac{2 \cdot \pi}{N-1} \cdot (n-1)$

$y1_n := \sin(x_n)$

$y2_n := \cos(x_n)$

$\text{dislin}_{\text{metafl}}(\text{"svg"}) = 0$ METAFL defines the metafile format

$\text{dislin}_{\text{setfil}}(\text{"d:\\file.svg"}) = 0$ SETFIL set the filename

$\text{dislin}_{\text{errdev}}(\text{"file"}) = 0$ ERRDEV defines the output device for DISLIN warnings

$\text{dislin}_{\text{errfil}}(\text{"d:\\out.txt"}) = 0$ ERRFIL set the filename

$\text{dislin}_{\text{filmod}}(\text{"delete"}) = 0$ FILMOD determines if a new plot file name is created for existing files

$\text{dislin}_{\text{units}}(\text{"inch"}) = 0$ UNITS defines the plot units

$\text{dislin}_{\text{page}}(800, 600) = 0$ PAGE determines the size of the page

$\text{dislin}_{\text{disini}}(0) = 0$ DISINI initializes DISLIN by setting default parameters and creating a plot file

$\text{dislin}_{\text{reset}}(\text{"all"}) = 0$ RESET sets parameters back to their default values

$\text{dislin}_{\text{pagera}}(0) = 0$ PAGERA plots a border around the page

$\text{dislin}_{\text{complx}}(0) = 0$ COMPLX Character Set

$\text{dislin}_{\text{psfont}}(\text{"Helvetica"}) = 0$ PSFONT defines a PostScript font

$\text{dislin}_{\text{chacod}}(\text{"utf8"}) = 0$ CHACOD defines the coding of characters

$\text{dislin}_{\text{axspos}}(100, 520) = 0$ AXSPOS determines the position of an axis system

$\text{dislin}_{\text{axslen}}(650, 400) = 0$ AXSLEN defines the size of an axis system

$\text{dislin}_{\text{name}}(\text{"X Axis"}, \text{"X"}) = 0$ NAME defines axis titles

$\text{dislin}_{\text{name}}(\text{"Y Axis"}, \text{"Y"}) = 0$ NAME defines axis titles

$\text{dislin}_{\text{labdig}}(1, \text{"X"}) = 0$ LABDIG sets the number of digits after the decimal point displayed in labels

$\text{dislin}_{\text{ticks}}(5, \text{"XY"}) = 0$ TICKS is used to define the number of ticks between axis labels

$\text{dislin}_{\text{titlin}}(\text{"Example 1"}, 1) = 0$ defines up to four lines of text used for axis system titles

$\text{dislin}_{\text{titlin}}(\text{"Functions: sin(x), cos(x)"}, 3) = 0$

$dislin_{linmod}("on", "smooth") = 0$ LINMOD enables anti-aliased lines in image formats such as PNG, BMP and TIFF

$dislin_{frame}(0) = 0$ FRAME defines the thickness of frames plotted by routines such as GRAF and LEGEND

$dislin_{graf}\left(0, 2 \cdot \pi, 0, \frac{\pi}{4}, -1, 1, -1, 0.5\right) = 0$ GRAF plots a two-dimensional axis system

$dislin_{color}("blue") = 0$ COLOR defines the colours used for plotting text and lines

$dislin_{curve}(x, y1, N) = 0$ CURVE connects data points with lines or plots them with symbols

$dislin_{color}("red") = 0$ COLOR defines the colours used for plotting text and lines

$dislin_{curve}(x, y2, N) = 0$ CURVE connects data points with lines or plots them with symbols

$dislin_{color}("fore") = 0$ COLOR defines the colours used for plotting text and lines

$dislin_{title}(0) = 0$ plots a title over an axis system

$dislin_{color}("gray") = 0$ COLOR defines the colours used for plotting text and lines

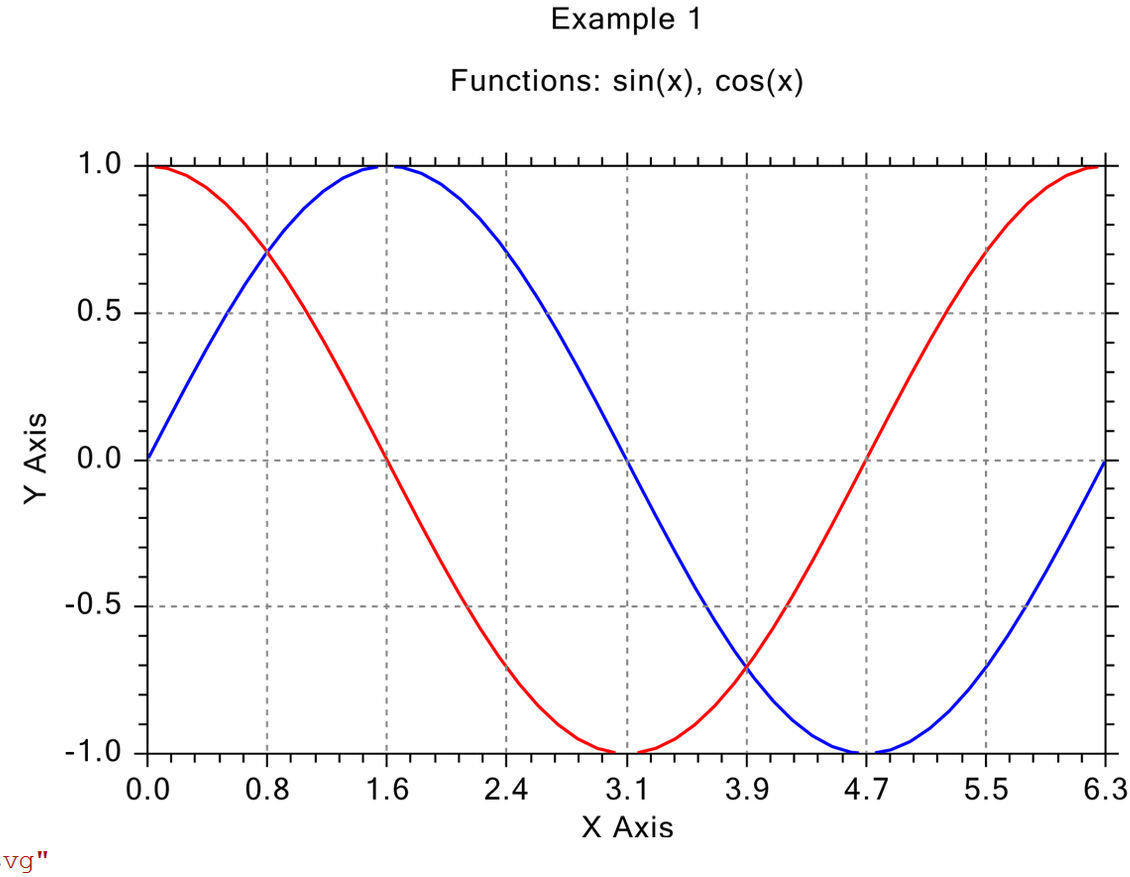
$dislin_{dash}(0) = 0$ define line style

$dislin_{grid}(1, 1) = 0$ GRID overlays a grid on an axis system

$dislin_{solid}(0) = 0$ define line style

$dislin_{xaxgit}(0) = 0$ XAXGIT plots only the line Y = 0

$dislin_{disfin}(0) = 0$ DISFIN terminates DISLIN



"d:\file.svg"