

```

article [T2A]fontenc [margin=0.25in]geometry pgfplots width=10cm,compat=1.9
; ; SWIFT Andrey Britvin November 2024 document
(6)' = 0 (x)' = 1 , ... ((6-(x)^2))' = (0-
((2*(x^1)*1))(x)' = 1(x)' = 1(sinh(x)cosh(x))' = (((cosh(x) * 1) * cosh(x)) - ((sinh(x) * 1) * sinh(x)))(cosh(x))^2(((6-
(x)^2))sinh(x)cosh(x))' = (((6 - (x)^2))sinh(x)cosh(x) * ((sinh(x)cosh(x)(6 - (x)^2) * (2 * x)) + (ln((6 - (x)^2)) *
((cosh(x) * cosh(x)) - (sinh(x) * sinh(x)))(cosh(x))^2)))tikzpictureaxis[xmin = -11,xmax = 11,ymin =
-11,ymax = 11,grid = both,gridstyle = linewidth = .1pt,draw = gray!10,majorgridstyle = linewidth = .2pt,draw =
middle,minorticknum = 4,axislinestyle = latex-latex,ticklabelstyle = font =,fill = white,xlabelstyle =
at = (ticklabel * cs : 1),anchor = northwest,ylabelstyle = at = (ticklabel * cs : 1),anchor = southwest][color =
red,samples = 1000]((6 - (x)^2))^(sinh(x))/(cosh(x));

```