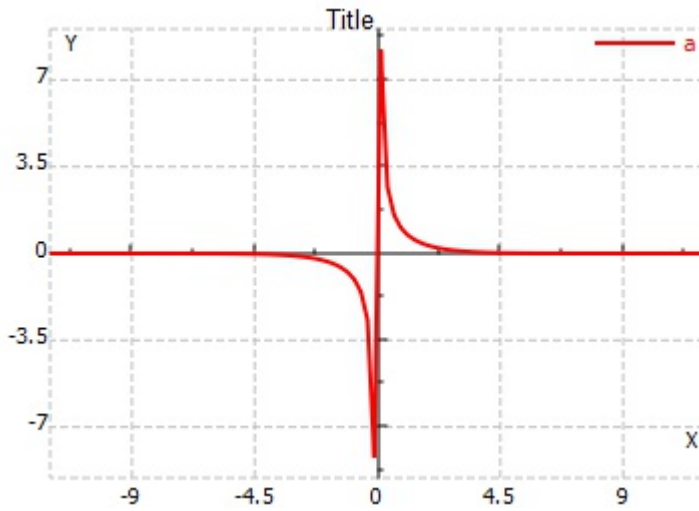
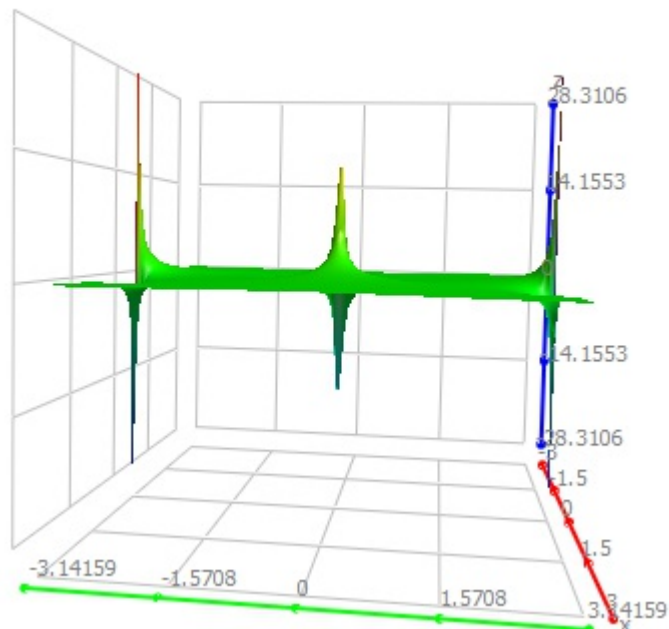


# Cosecant hyperbolic

`a := curve2d(csch(x), -12, 12, 100)`

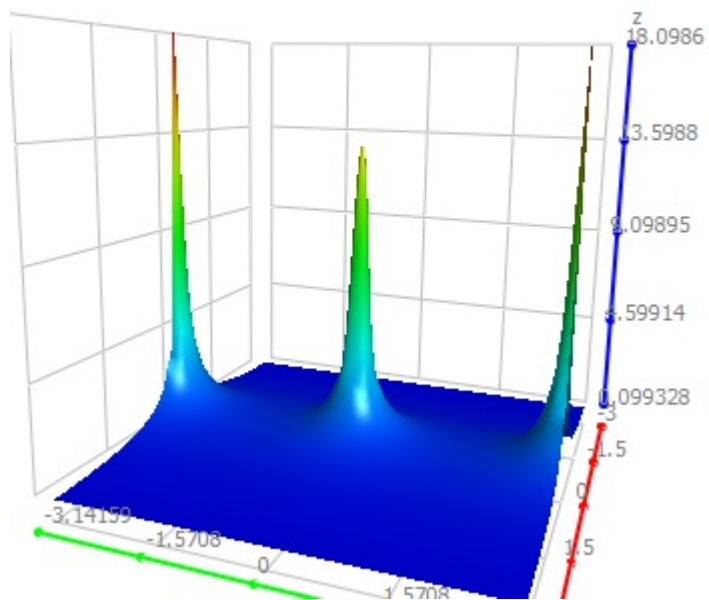
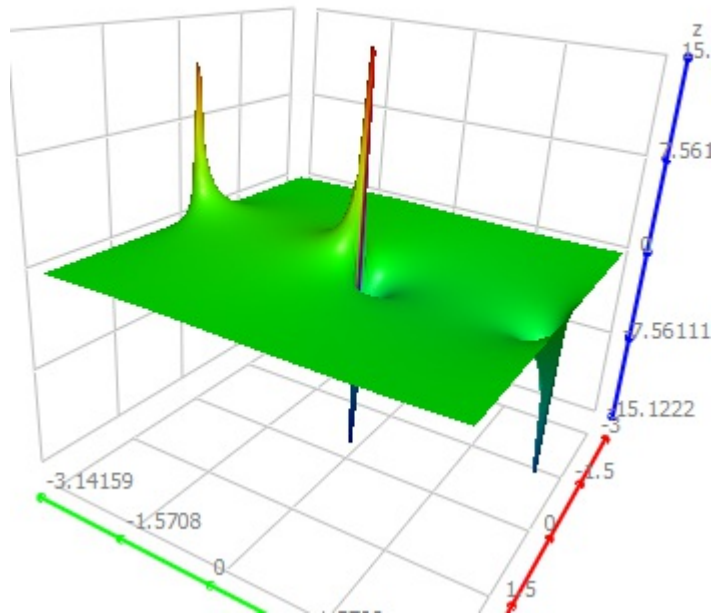


`b := surface3d(Re(csch(x + 1j * y)), x, -3, 3, 100, y, -pi, pi, 100)`



`c:=surface3d(Im(csch(x+1i*y)),x,-3,3,100,y,-pi,pi,100)`

`d:=surface3d(|csch(x+1i*y)|,x,-3,3,50,y,-pi,pi,50)`



$$e := \text{surface3d}\left(\Theta\left(\text{csch}(x+1i \cdot y)\right), x, -3, 3, 100, y, -\pi, \pi, 100\right)$$

$$f := \text{surface3d}\left(\sin\left(\Theta\left(\text{csch}(x+1i \cdot y)\right)\right)^2, x, -3, 3, 100, y, -\pi, \pi, 100\right)$$

