$\sqrt{(z_0/z)^2 - 1}$

$\tan(z)$
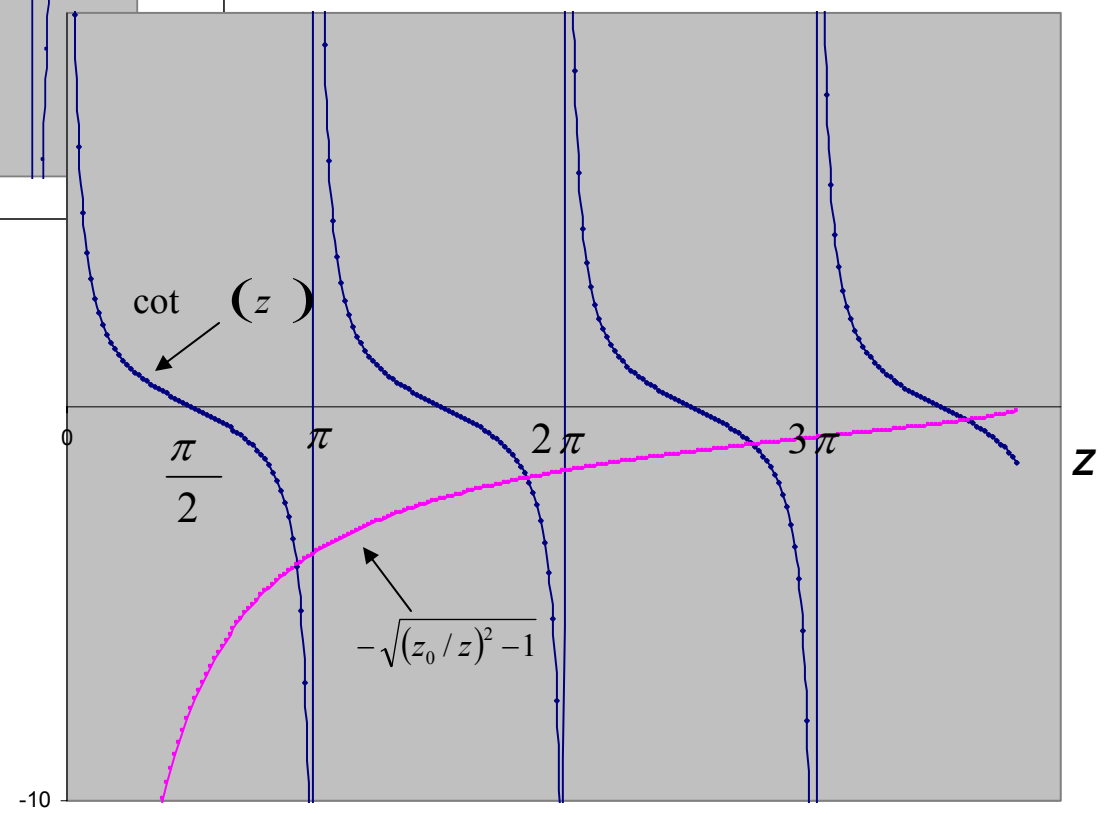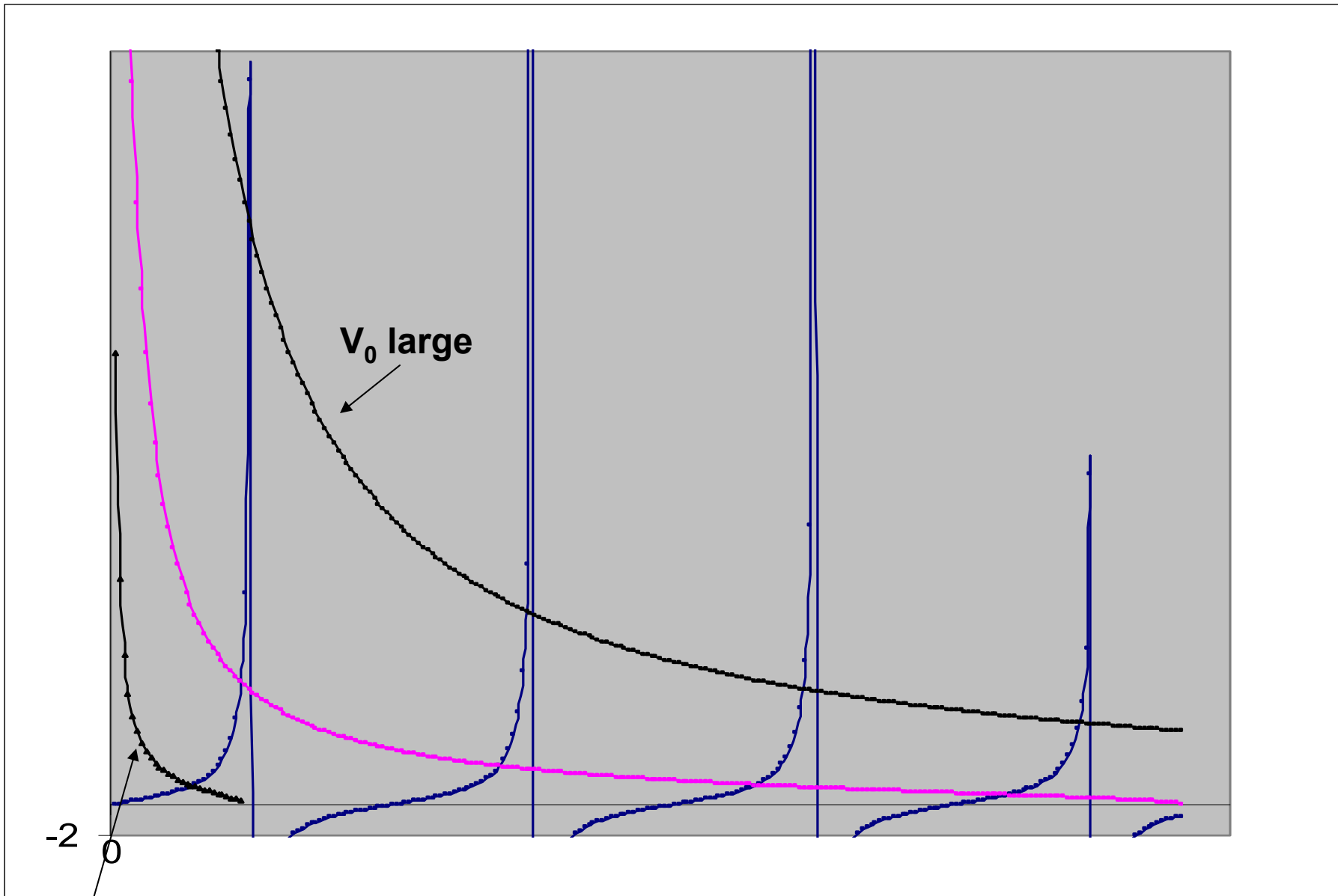
Even solutions

Odd Solutions

$\cot(z)$

$-\sqrt{(z_0/z)^2 - 1}$

V$_0$ large

V$_0$ small

-2

0