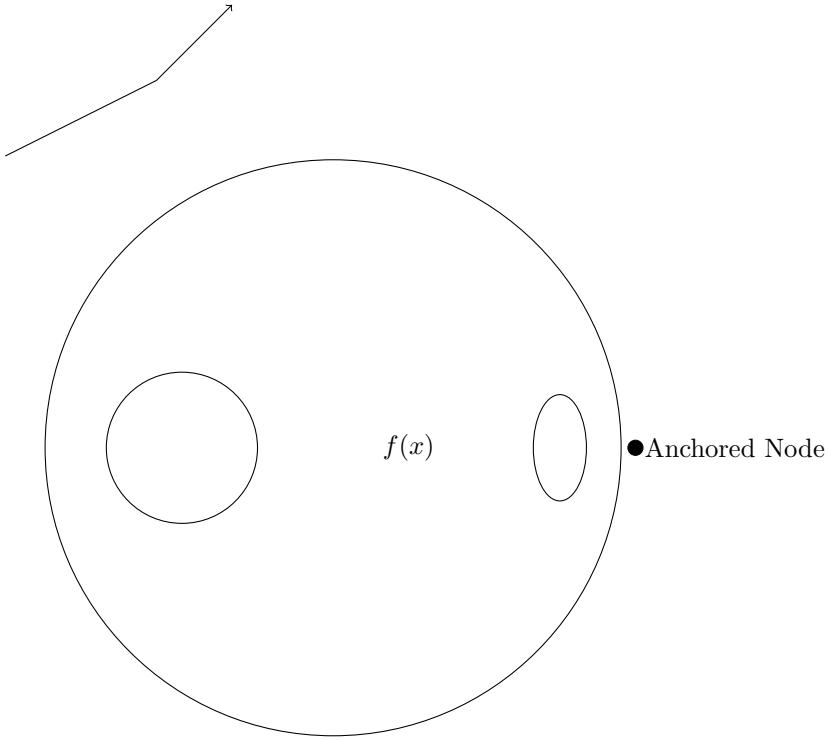
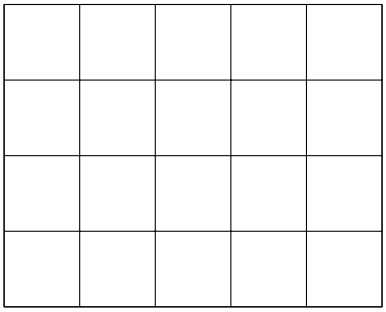
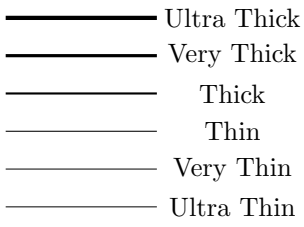
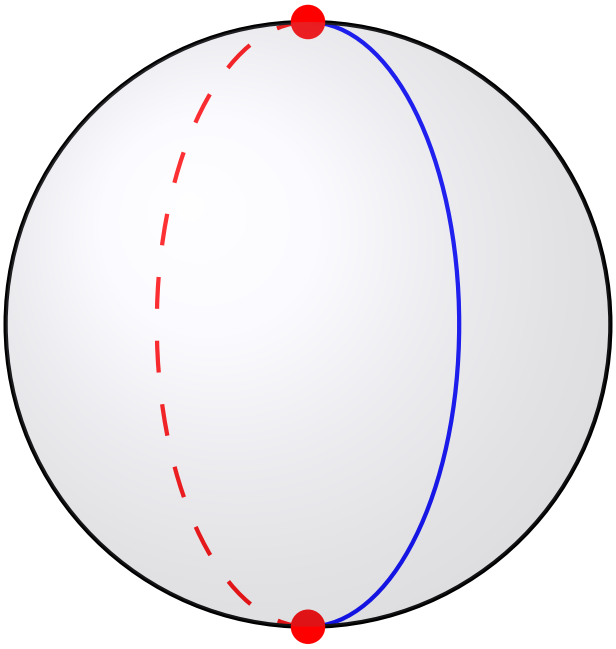
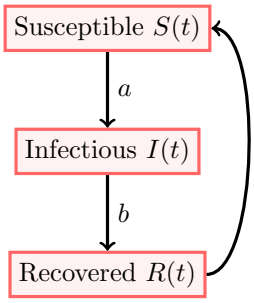
1 Tikz

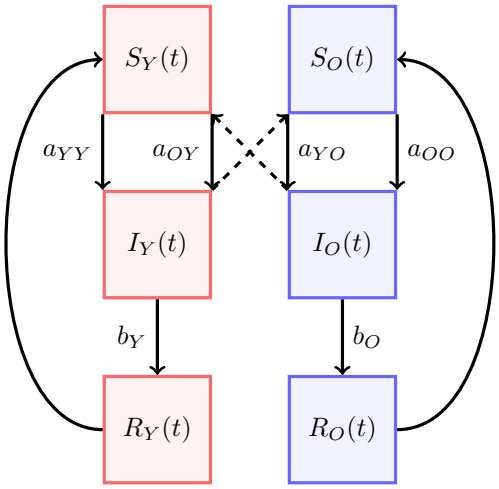





Ultra Thick
Very Thick
Thick
Thin
Very Thin
Ultra Thin




Susceptible $S(t)$
a
Infectious $I(t)$
b
Recovered $R(t)$


$S_Y(t)$
$S_O(t)$
a_{YY}
a_{OY}
a_{YO}
a_{OO}
$I_Y(t)$
$I_O(t)$
b_Y
b_O
$R_Y(t)$
$R_O(t)$