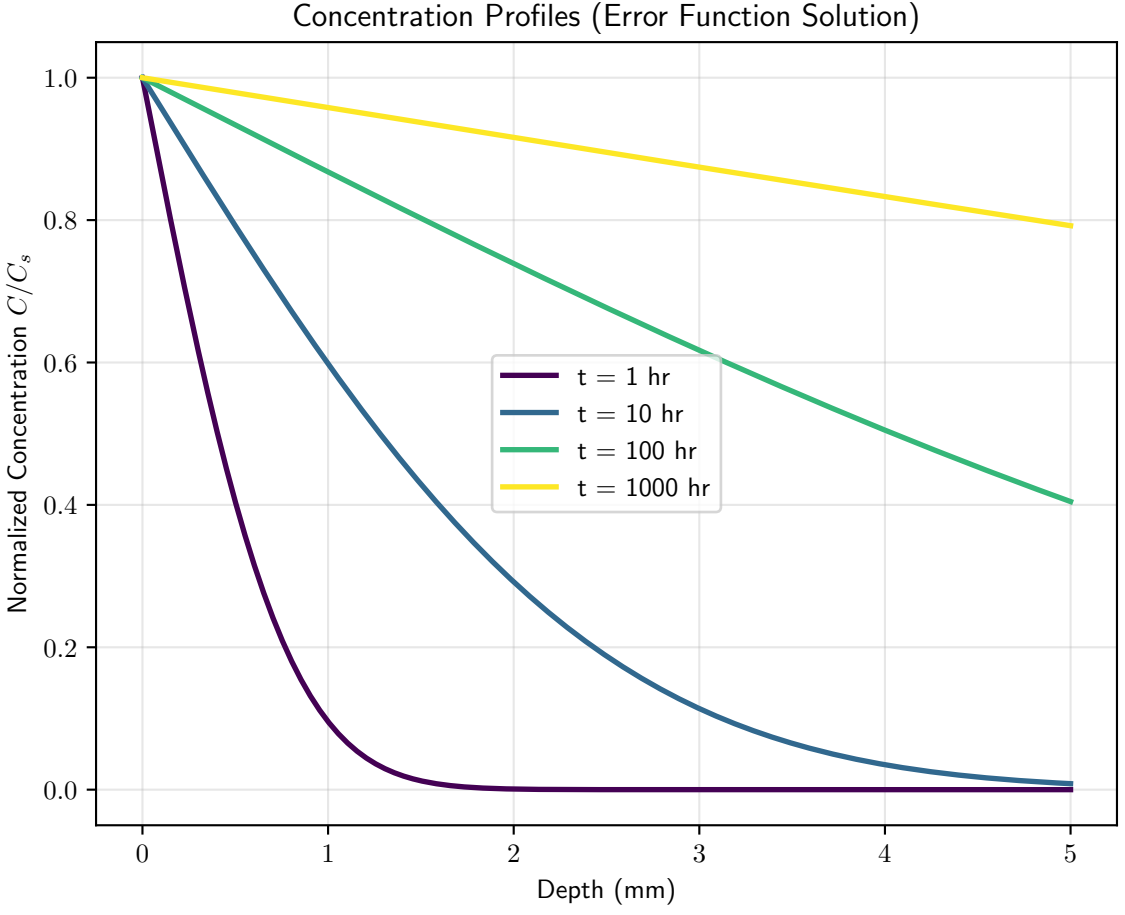
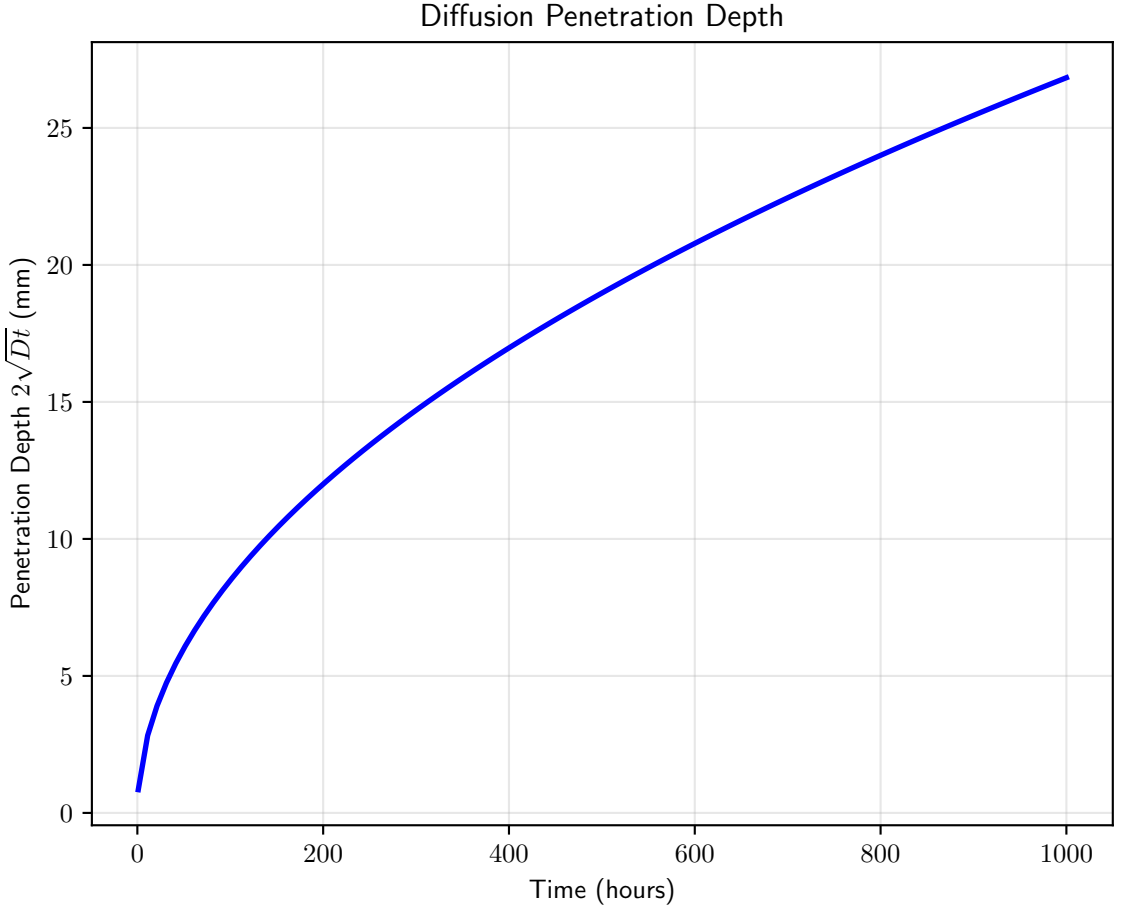

Concentration Profiles (Error Function Solution)
Normalized Concentration C/C_s
Depth (mm)
t = 1 hr
t = 10 hr
t = 100 hr
t = 1000 hr
0.0
0.2
0.4
0.6
0.8
1.0
0
1
2
3
4
5


Diffusion Penetration Depth
Penetration Depth $2\sqrt{Dt}$ (mm)
Time (hours)
0
5
10
15
20
25
0
200
400
600
800
1000