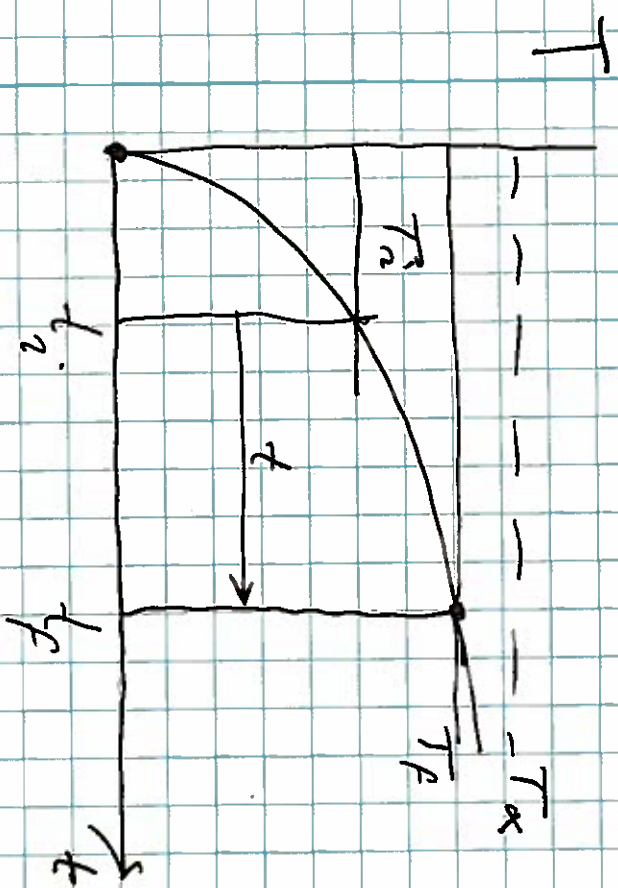


May 8-14 dead loss cleaning, 2^d dry $\lambda = 400\text{nm}$



assume transp.
in UV exposure. Also
 $T = T_\infty (1 - e^{-t/\rho_i})$
 t is UV irradiation time
for numbers take

$$T_f = 0.45$$

$$T_\infty = 0.5$$

Vary T_i

do all with $\rho_i = 2\text{ hr}$

if ρ_i a multiple of

2 hr, then t same

multiple of

tabulated value

T_i	$\frac{T_f - T_i}{T_i}$	t_i	t	t_f
0.42	0.07	3.665	0.94	4.605
0.40	0.125	3.219	1.38	4.605
0.38	0.18	2.854	1.75	4.605
0.36	0.25	2.546	2.06	4.605

t is required UV irradiation time

for assumed $\rho_i = 2\text{ hr}$ value

T_i/T_f				
0.92/0.45	0.047	3.665	0.575	4.24
0.41/0.45	0.073	3.429	0.811	4.24
0.41/0.43	0.049	3.425	0.500	3.925