

**Tabel 1** Tabel hasil perhitungan x untuk perhitungan Ei function

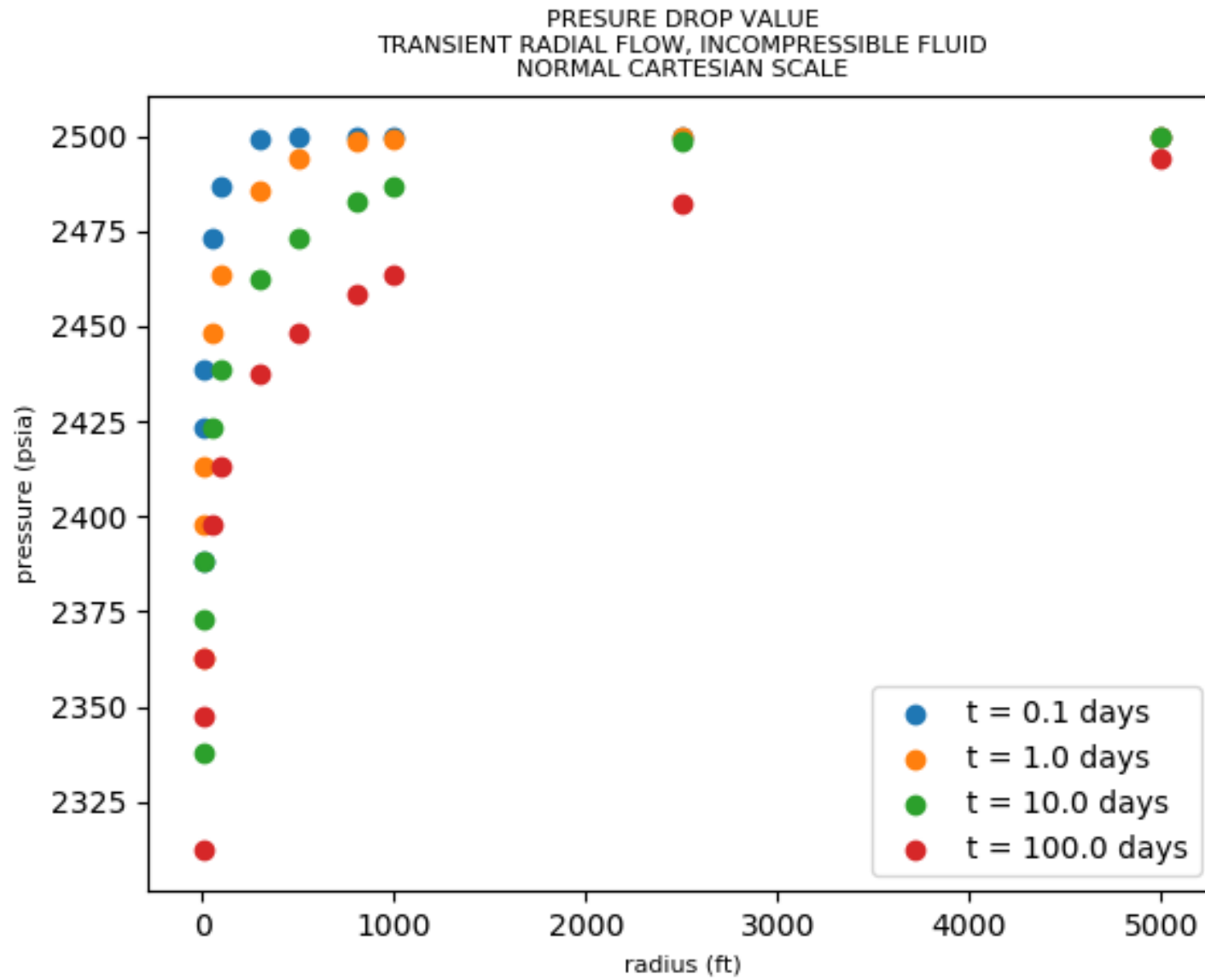
x		time (day)			
		0.1	1	10	100
radius (ft)	1	0.0000201143	0.0000020114	0.0000002011	0.0000000201
	5	0.0005028571	0.0000502857	0.0000050286	0.0000005029
	10	0.0020114286	0.0002011429	0.0000201143	0.0000020114
	50	0.0502857143	0.0050285714	0.0005028571	0.0000502857
	100	0.2011428571	0.0201142857	0.0020114286	0.0002011429
	300	1.8102857143	0.1810285714	0.0181028571	0.0018102857
	500	5.0285714286	0.5028571429	0.0502857143	0.0050285714
	800	12.8731428571	1.2873142857	0.1287314286	0.0128731429
	1000	20.1142857143	2.0114285714	0.2011428571	0.0201142857
	2500	125.7142857143	12.5714285714	1.2571428571	0.1257142857
	5000	502.8571428571	50.2857142857	5.0285714286	0.5028571429

**Tabel 2** Tabel hasil perhitungan Ei function

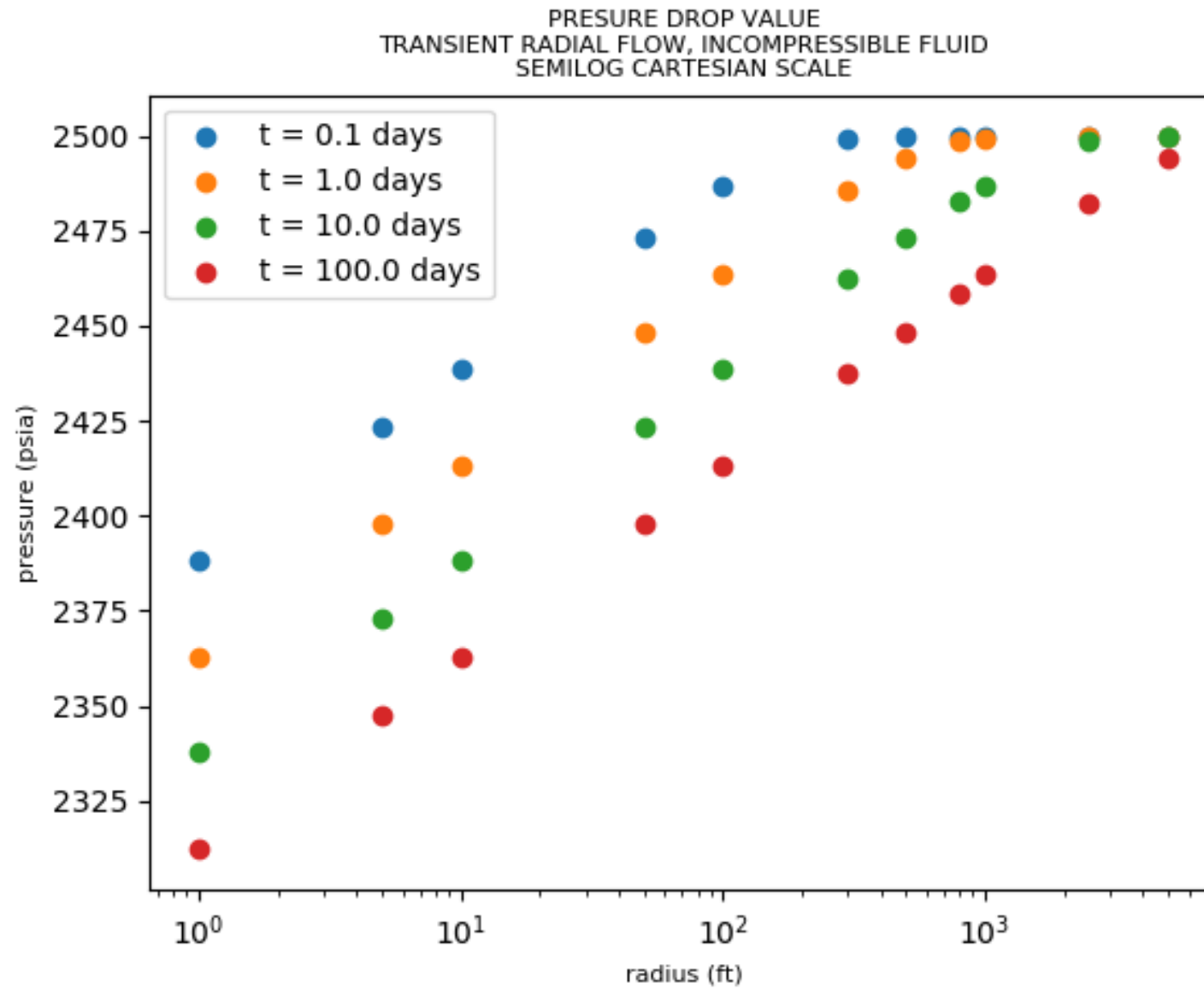
-E(-x)		time (day)			
		0.1	1	10	100
radius (ft)	1	10.2368840024	12.5394659074	14.8422480764	17.1453303771
	5	7.0184916526	9.3206244357	11.6231583063	13.9256593318
	10	5.6337048158	7.9344804251	10.2368840024	12.5394659074
	50	2.4624791364	4.7204259430	7.0184916526	9.3206244357
	100	1.2179880615	3.3491229101	5.6337048158	7.9344804251
	300	0.0637760756	1.3050391928	3.4524910946	5.7388644027
	500	0.0011104454	0.5563224980	2.4624791364	4.7204259430
	800	0.0000001858	0.1381405007	1.5975155266	3.7882282504
	1000	0.0000000001	0.0481337530	1.2179880615	3.3491229101
	2500	0.0000000000	0.0000002569	0.1447866732	1.6183989485
	5000	0.0000000000	0.0000000000	0.0011104454	0.5563224980

**Tabel 3** Tabel hasil perhitungan nilai tekanan setelah mengalami pressure drop

P		time (day)			
		0.1	1	10	100
radius (ft)	1	2388.0645052434	2362.8868589301	2337.7070228260	2312.5239049226
	5	2423.2561065064	2398.0833711306	2372.9062500513	2347.7294881183
	10	2438.3980969480	2413.2402016261	2388.0645052434	2362.8868589301
	50	2473.0739529337	2448.3843703539	2423.2561065064	2398.0833711306
	100	2486.6818754380	2463.3789217640	2438.3980969480	2413.2402016261
	300	2499.3026387156	2485.7300124056	2462.2486394558	2437.2482265005
	500	2499.9878578037	2493.9168760684	2473.0739529337	2448.3843703539
	800	2499.9999979681	2498.4894988269	2482.5319217436	2458.5775121257
	1000	2499.9999999990	2499.4736801296	2486.6818754380	2463.3789217640
	2500	2500.0000000000	2499.9999971909	2498.4168260682	2482.3035713829
	5000	2500.0000000000	2500.0000000000	2499.9878578037	2493.9168760684



Gambar 1 Hasil plotting pressure terhadap radius dengan grafik normal



Gambar 2 Hasil plotting pressure terhadap radius dengan grafik semilog