ORIGIN := 1

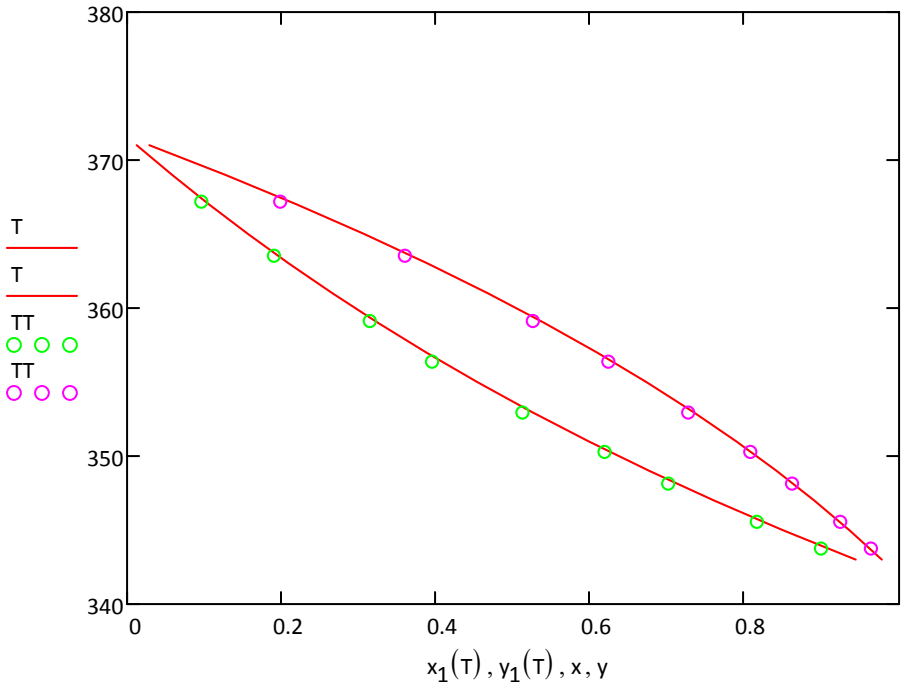
T := 343 , 345 .. 371

$$P_1(T) := \exp\left(9.2164 - \frac{2697.55}{T - 48.78}\right) \qquad P_2(T) := \exp\left(9.2535 - \frac{2911.32}{T - 56.51}\right)$$

$$x_1(T) := \frac{1.013 - P_2(T)}{P_1(T) - P_2(T)} \qquad y_1(T) := \frac{x_1(T) \cdot P_1(T)}{1.013}$$

$P_1(T)$ =	$P_2(T)$ =	$x_1(T)$ =	$y_1(T)$ =
1.049	0.403	0.944	0.978
1.116	0.433	0.849	0.936
1.186	0.464	0.76	0.89
1.26	0.497	0.676	0.841
1.337	0.531	0.598	0.789
1.418	0.568	0.524	0.733
1.503	0.607	0.454	0.673
1.591	0.647	0.388	0.609
1.683	0.69	0.325	0.54
1.78	0.735	0.266	0.467
1.88	0.782	0.21	0.39
1.985	0.832	0.157	0.307
2.095	0.884	0.106	0.22
2.209	0.939	0.058	0.127
2.327	0.996	0.013	0.029

$$TT := \begin{pmatrix} 367.18 \\ 363.52 \\ 359.11 \\ 356.37 \\ 352.93 \\ 350.27 \\ 348.13 \\ 345.55 \\ 343.74 \end{pmatrix} \qquad x := \begin{pmatrix} 0.0964 \\ 0.1904 \\ 0.3146 \\ 0.3953 \\ 0.5123 \\ 0.6187 \\ 0.7012 \\ 0.8160 \\ 0.8991 \end{pmatrix} \qquad y := \begin{pmatrix} 0.1986 \\ 0.36 \\ 0.5258 \\ 0.6236 \\ 0.7270 \\ 0.8074 \\ 0.8615 \\ 0.9240 \\ 0.9637 \end{pmatrix}$$


380
370
360
350
340
0
0.2
0.4
0.6
0.8
T
T
TT
TT
x1(T) , y1(T) , x , y