

Example 10.6

Result

z	K	y,V=0.2	y,V=0.3	y,V=0.273	x,V=0.273
0.1	10.	0.357	0.27	0.289	0.029
0.2	1.76	0.306	0.287	0.292	0.166
0.7	0.52	0.403	0.425	0.419	0.806
1.	0.	1.066	0.982	1.	1.

NOTE : Last Row represents the summation

Hence for $V = 0.273$ $E(y_i) = 0$ and $E(x_i) = 0$

Fraction of Vapor (V) =

0.273