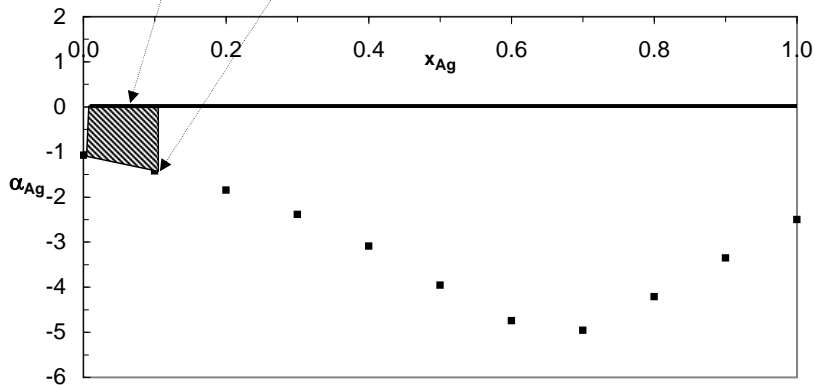


Gibbs-Duhem Integration Using the Alpha Integration Function
The Liquid Ag-Al System at 1273 K

Result Also for plot

x_{Al}	x_{Ag}	γ_{Ag}	$\ln\gamma_{Ag}$	α_{Ag}	Δ Area	$\int_{x_{Al}=1}^{x_{Al}} \alpha_{Ag} dx_{Ag}$	$x_{Ag}x_{Al}\alpha_{Ag}$	$\ln\gamma_{Al}$	γ_{Al}	a_{Al}	a_{Ag}
1	0.0	0.341	-1.076	-1.076	-0.125	0	0.000	0.000	1.000	1.000	0.000
0.9	0.1	0.317	-1.149	-1.418	-0.163	-0.125	-0.128	0.003	1.003	0.903	0.032
0.8	0.2	0.306	-1.184	-1.850	-0.212	-0.288	-0.296	0.008	1.008	0.806	0.061
0.7	0.3	0.311	-1.168	-2.384	-0.274	-0.500	-0.501	0.001	1.001	0.701	0.093
0.6	0.4	0.329	-1.112	-3.088	-0.352	-0.773	-0.741	-0.032	0.968	0.581	0.132
0.5	0.5	0.372	-0.989	-3.955	-0.435	-1.126	-0.989	-0.137	0.872	0.436	0.186
0.4	0.6	0.468	-0.759	-4.746	-0.485	-1.561	-1.139	-0.422	0.656	0.262	0.281
0.3	0.7	0.640	-0.446	-4.959	-0.458	-2.046	-1.041	-1.005	0.366	0.110	0.448
0.2	0.8	0.845	-0.168	-4.210	-0.378	-2.504	-0.674	-1.831	0.160	0.032	0.676
0.1	0.9	0.967	-0.034	-3.356	-0.293	-2.883	-0.302	-2.581	0.076	0.008	0.870
0	1.0	1.000	0.000	-2.501		-3.175	0.000	-3.175	0.042	0.000	1.000



Alpha Function Plot for the Liquid Ag-Al System at 1273 K

