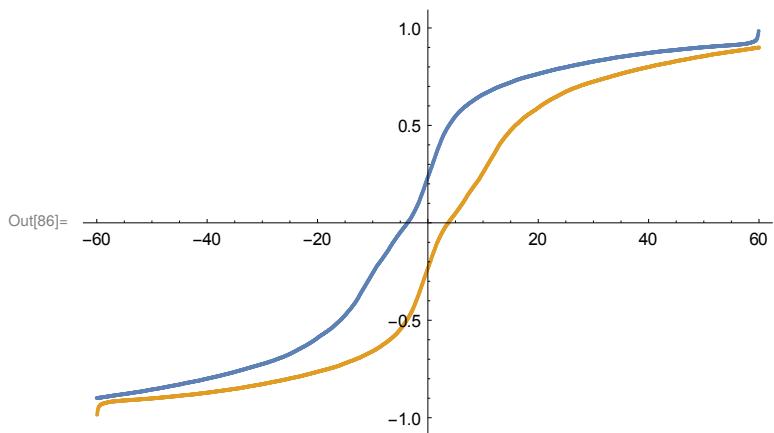


In[84]:=

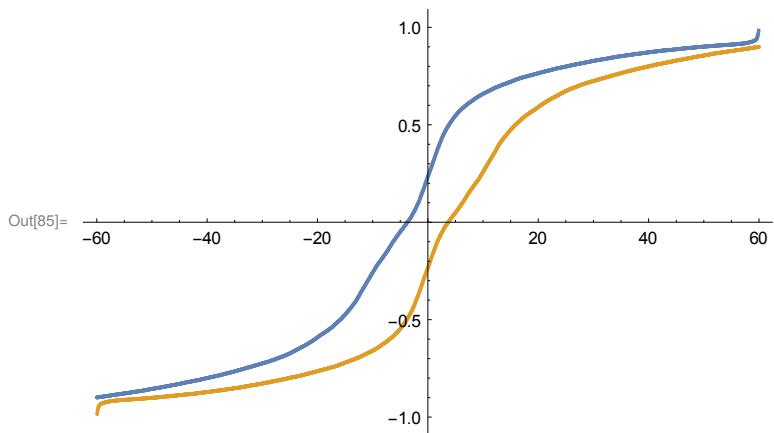
```
lcpp = Import["/home/vagner/Desktop/Metropolis_MC_magetics/hystMCM_cpp.dat"];
```

In[86]:=

```
cpp = ListPlot[{lcpp, -lcpp}]
```

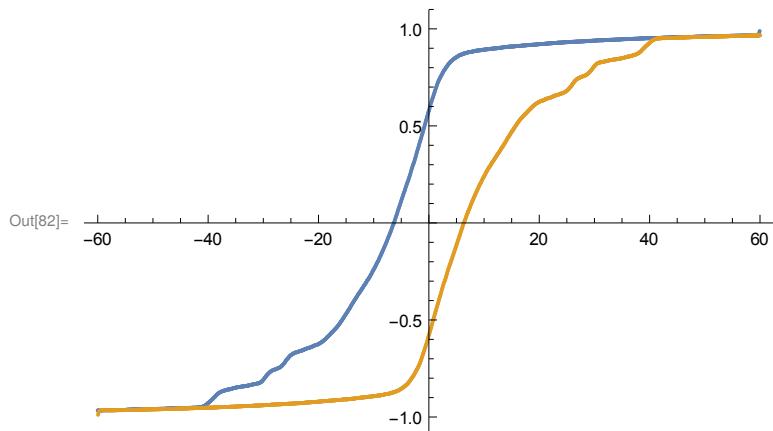


Temperature = 10 K
theta = pi / 2 and phi = 0

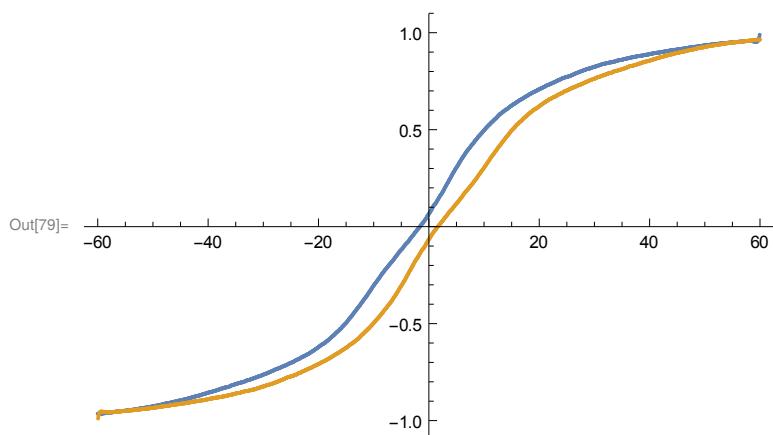


Temperature = 300 K

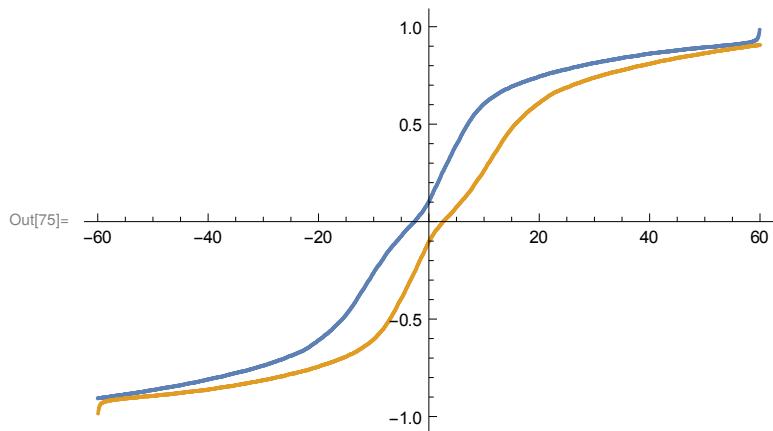
Temperature = 300 K
theta = pi / 2 and phi = pi / 4



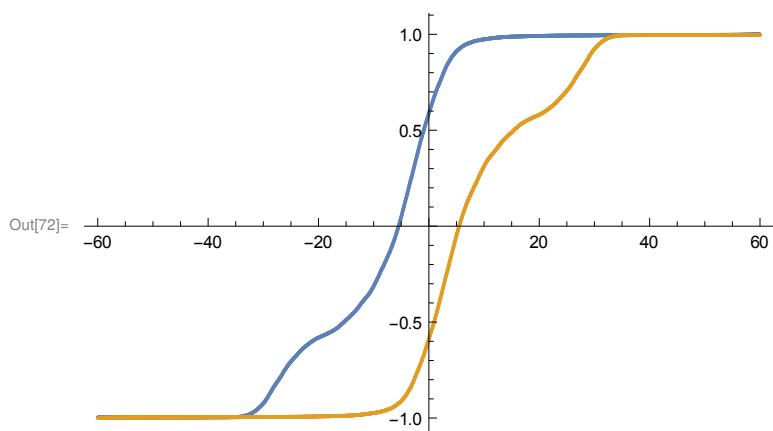
Temperature = 300 K
theta = 0 and phi = qualquer



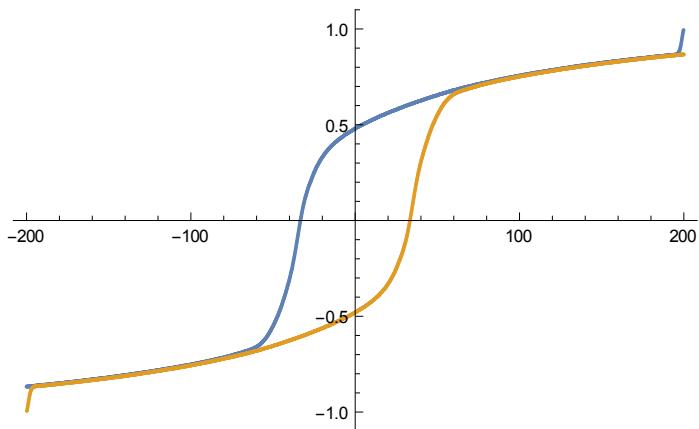
Temperature = 300 K
theta = pi / 2 and phi = 0



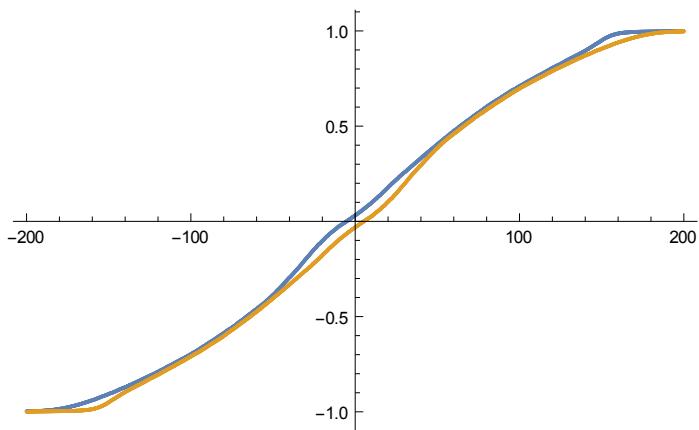
Temperature = 300 K
theta = pi / 2 and phi = pi / 2



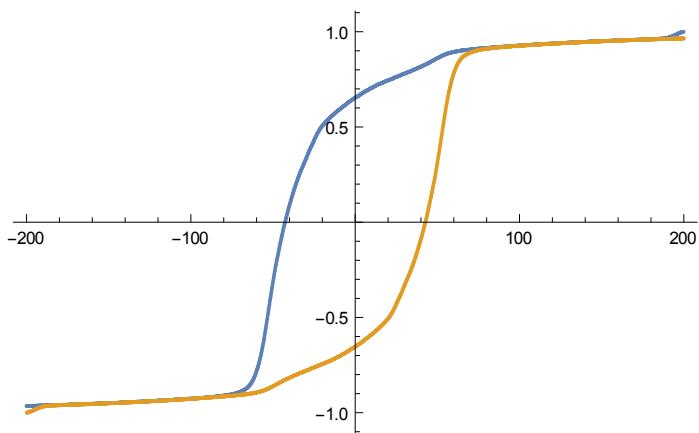
(* no plano theta = pi/2 e phi= 0 *)



(* no plano theta = pi/2 e phi= pi/2 *)



(* fora do plano theta = 0 *)



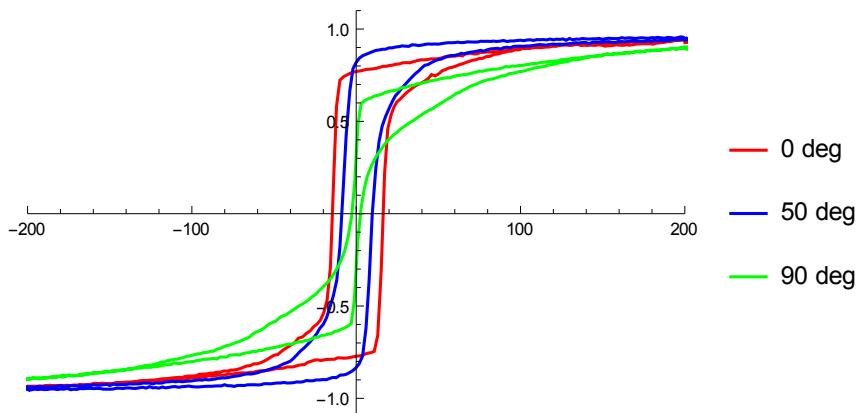
```
lcpp[[Length[lcpp]]]
{-500, 0.333437}

111 = Import["/home/vagner/Desktop/galfenol/gal0deg.txt", "Table"];
g1 = ListPlot[111 * 1.00, PlotRange → {{-200, 200}, {-1.1, 1.1}},
  PlotStyle → Red, Joined → True, PlotLegends → {"0 deg"}];

111 = Import["/home/vagner/Desktop/galfenol/gal50deg.txt", "Table"];
g2 = ListPlot[111 * 1.0, PlotRange → {{-200, 200}, {-1.1, 1.1}},
  PlotStyle → Blue, Joined → True, PlotLegends → {"50 deg"}];

111 = Import["/home/vagner/Desktop/galfenol/gal90deg.txt", "Table"];
g3 = ListPlot[111 * 1.00, PlotRange → {{-200, 200}, {-1.1, 1.1}},
  PlotStyle → Green, Joined → True, PlotLegends → {"90 deg"}];

Show[g1, g2, g3]
```



```
Show[cpp, g3]
```

