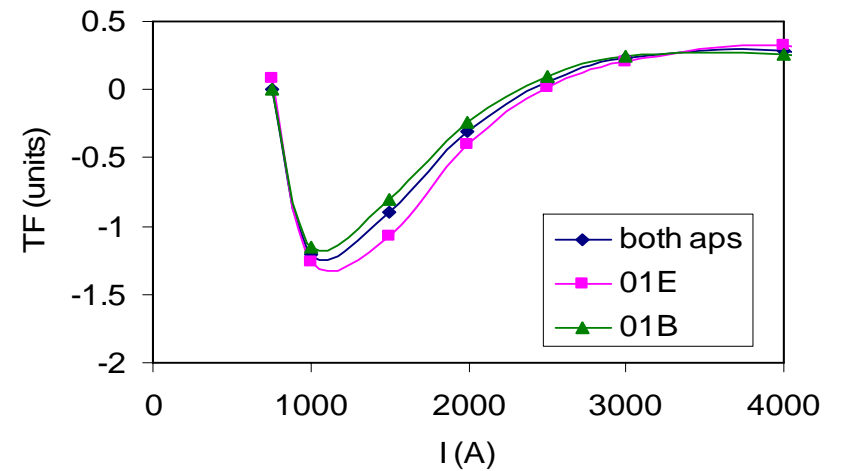
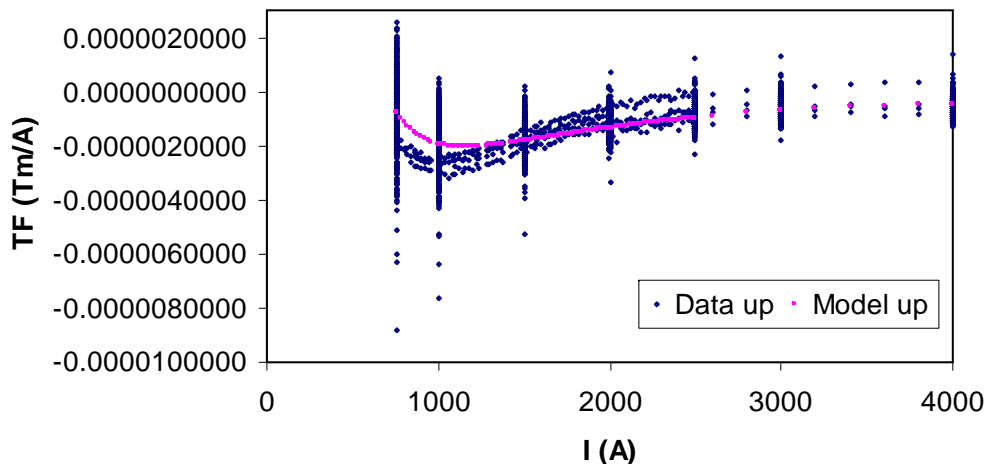
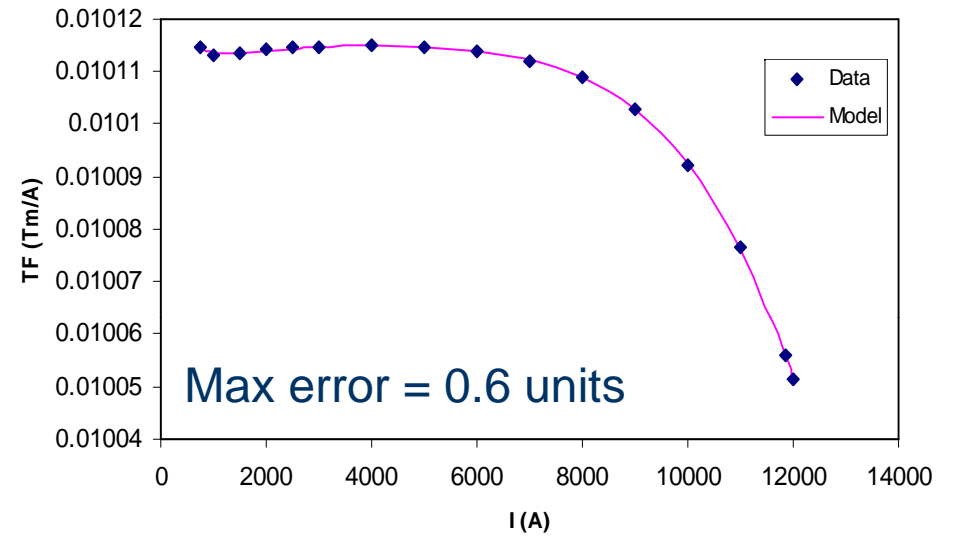
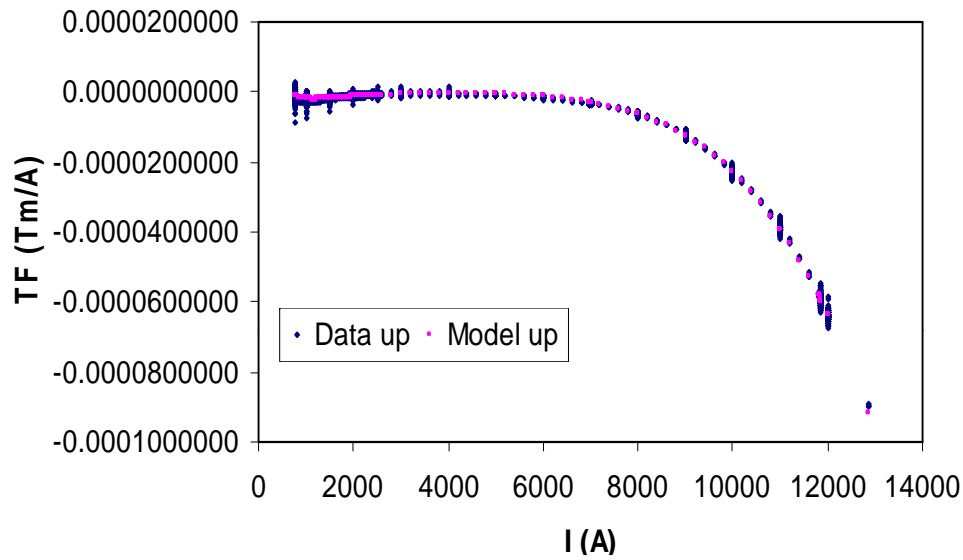


# MB Fitting

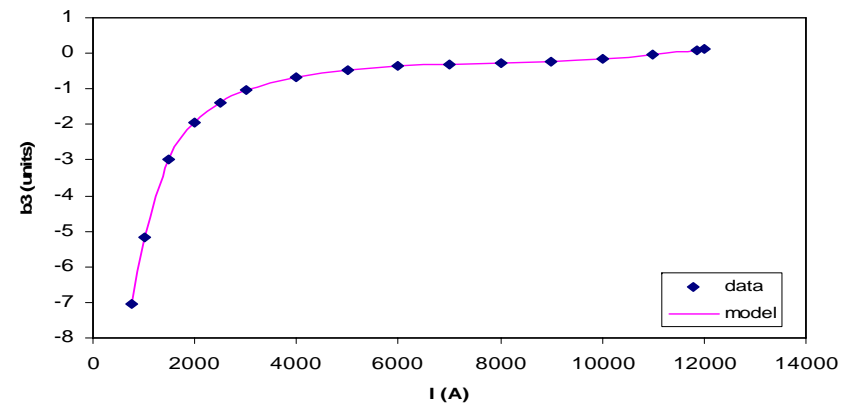
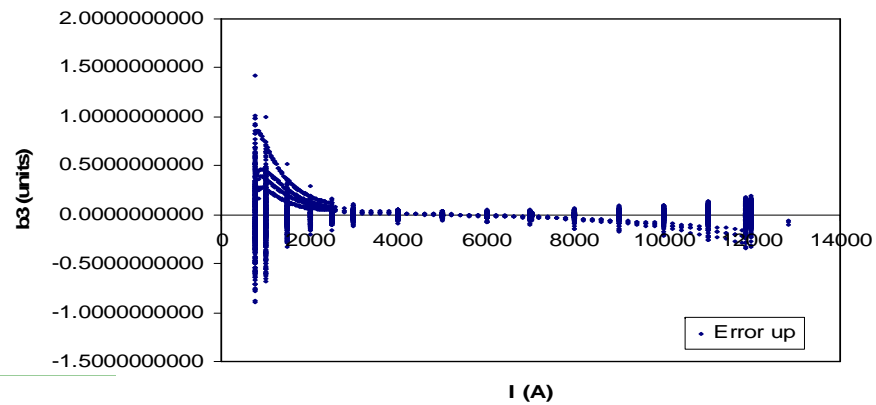
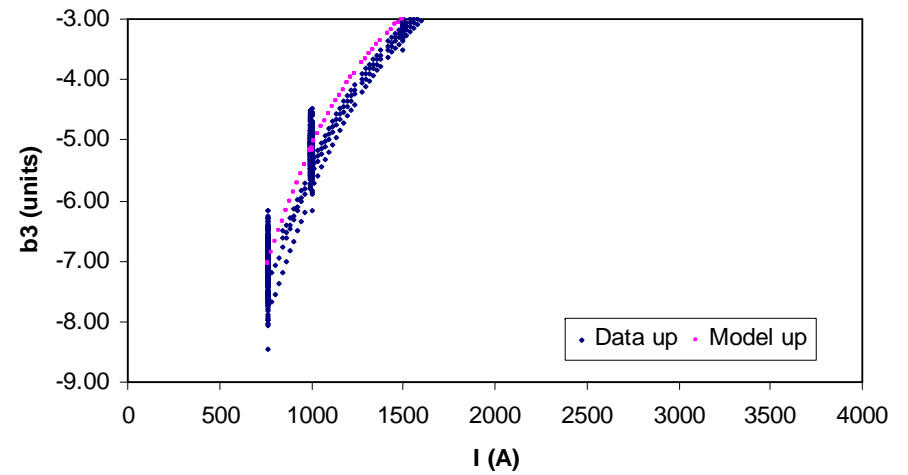
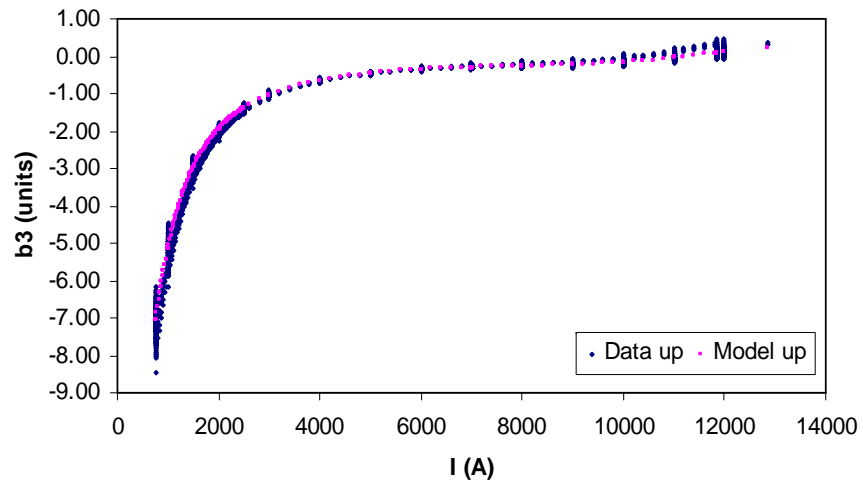
N. Sammut

30<sup>th</sup> May 2008

# TF



# b3

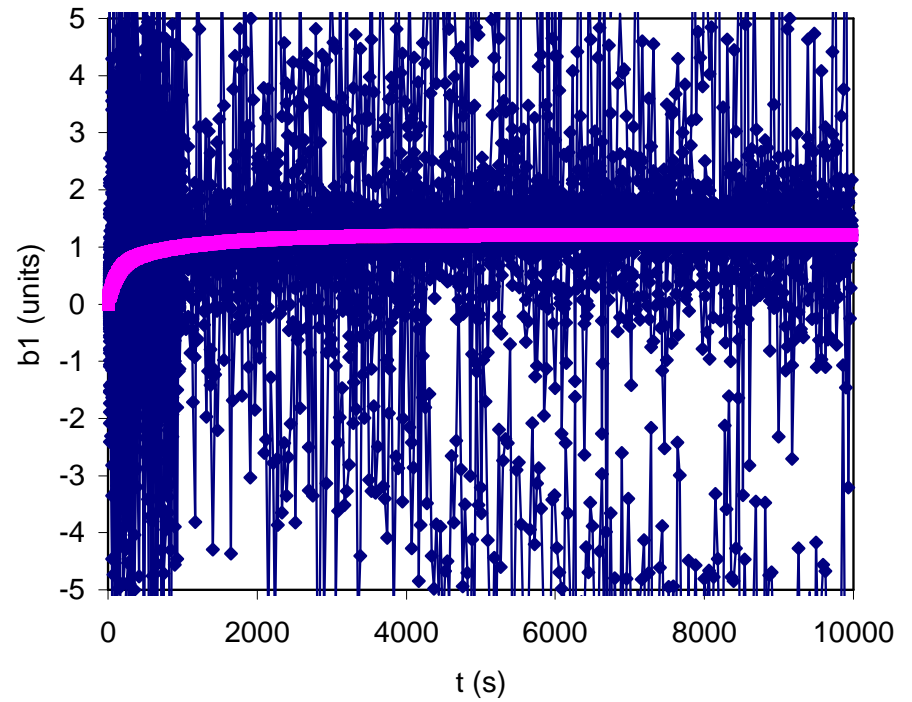
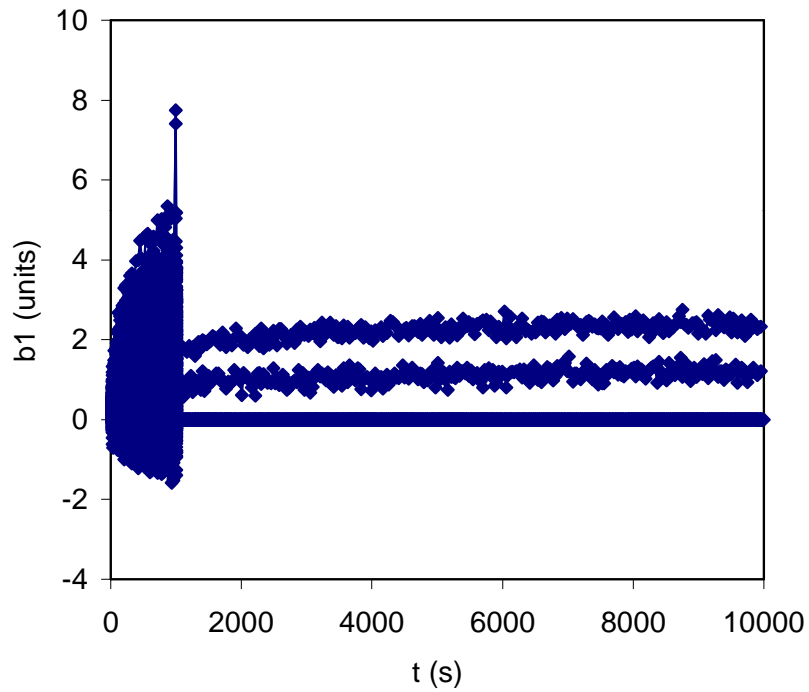


## Fits so far

Fits performed for:

- TF
- b2, b3, b4, b5
- a2, a3, a4, a5
- checks compared to averages
- error compared to average better than 0.01 units for harmonics and 0.6 units for TF

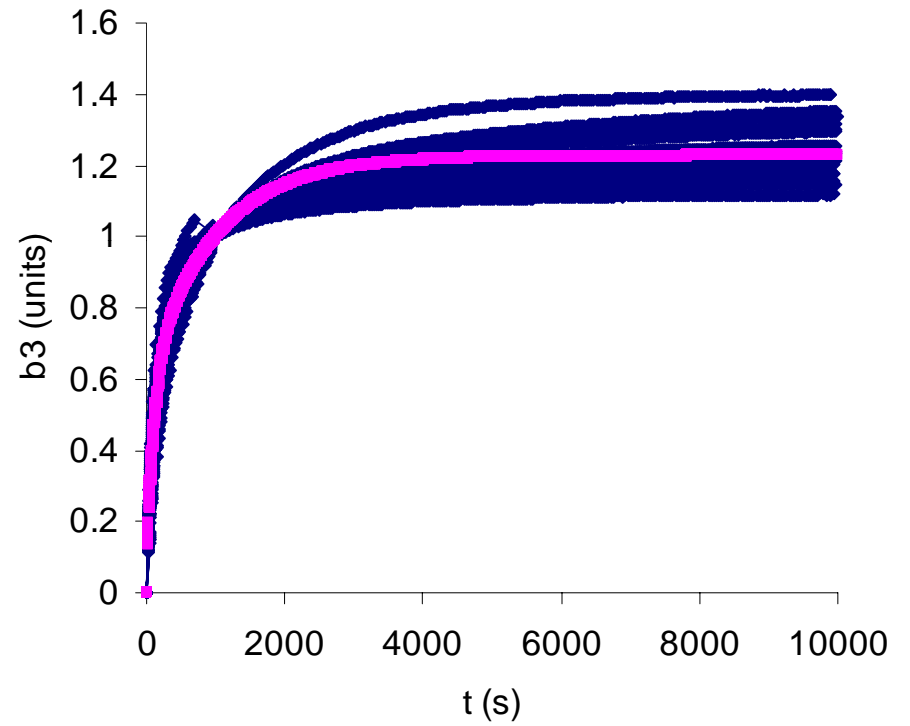
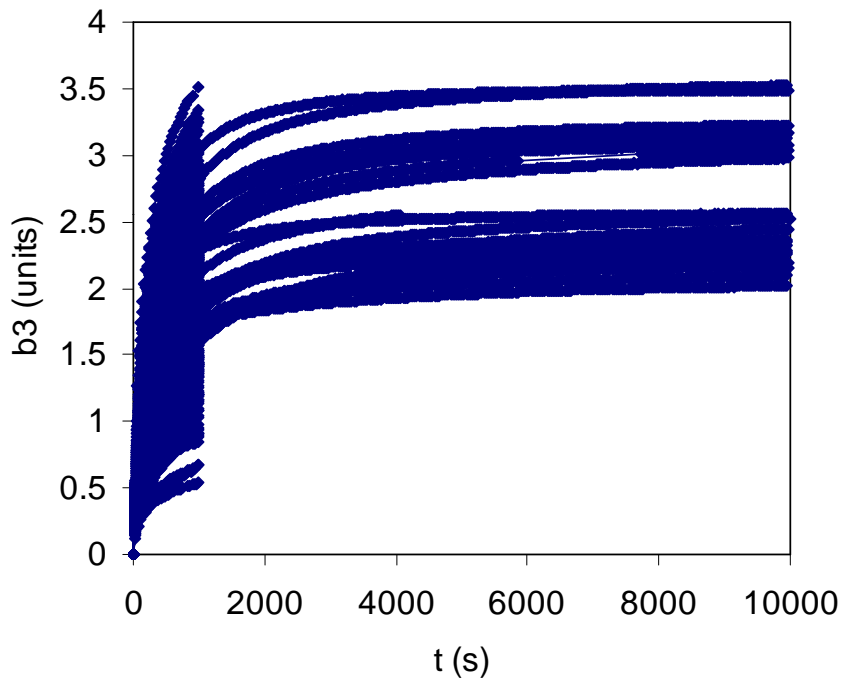
# b1



decay amplitude

1.26

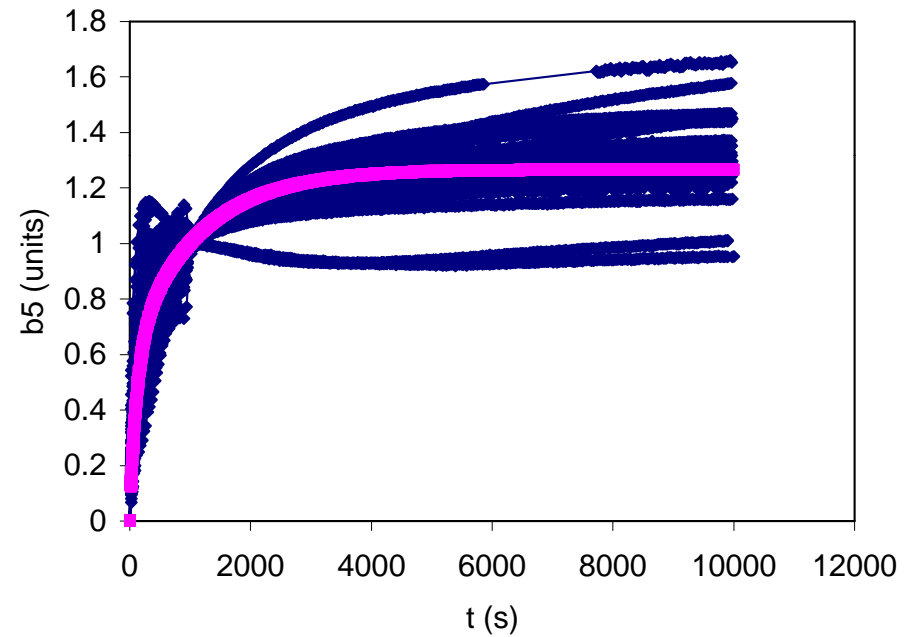
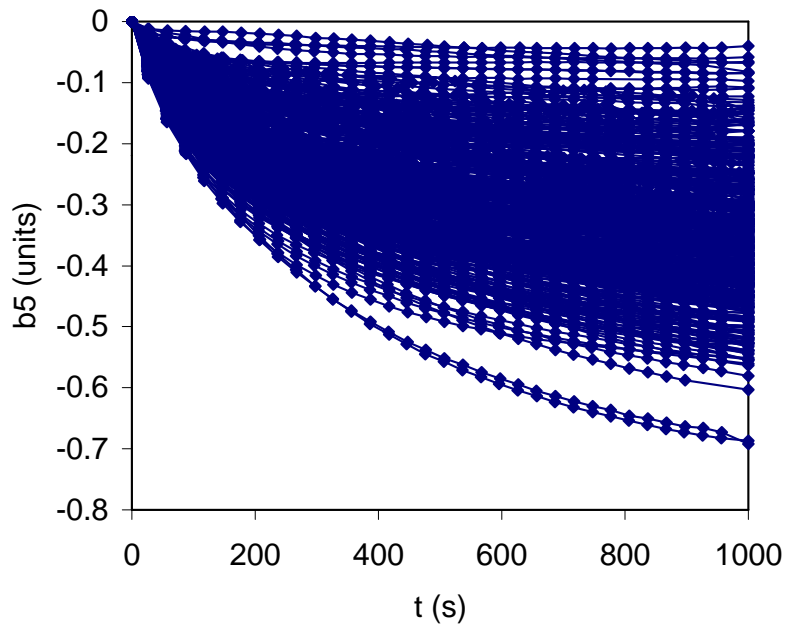
# b3



decay amplitude

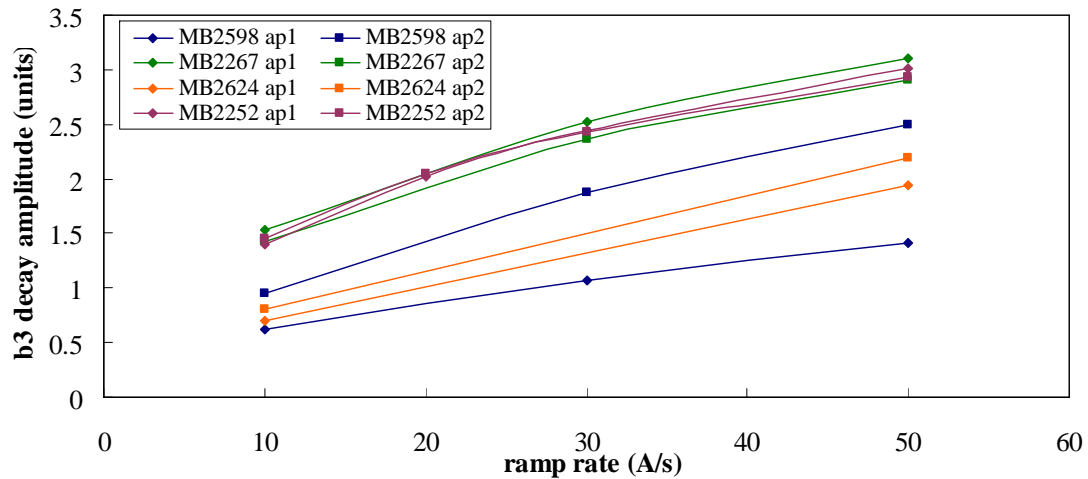
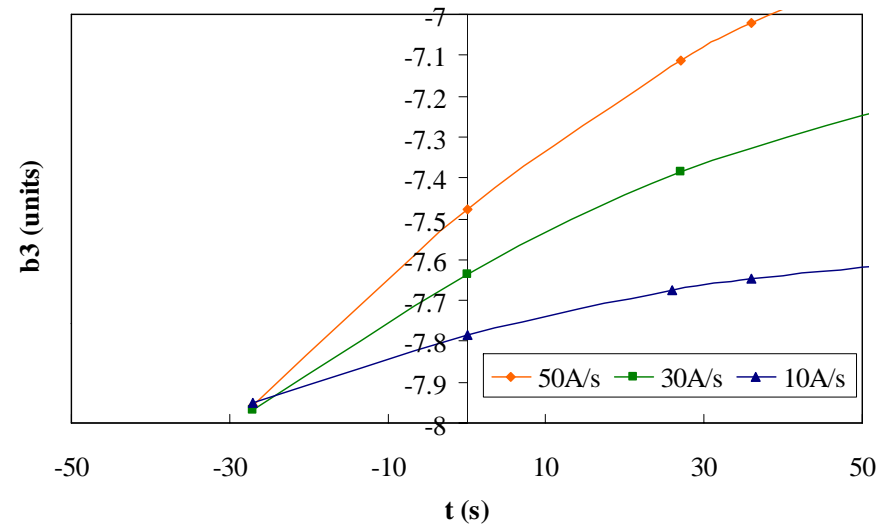
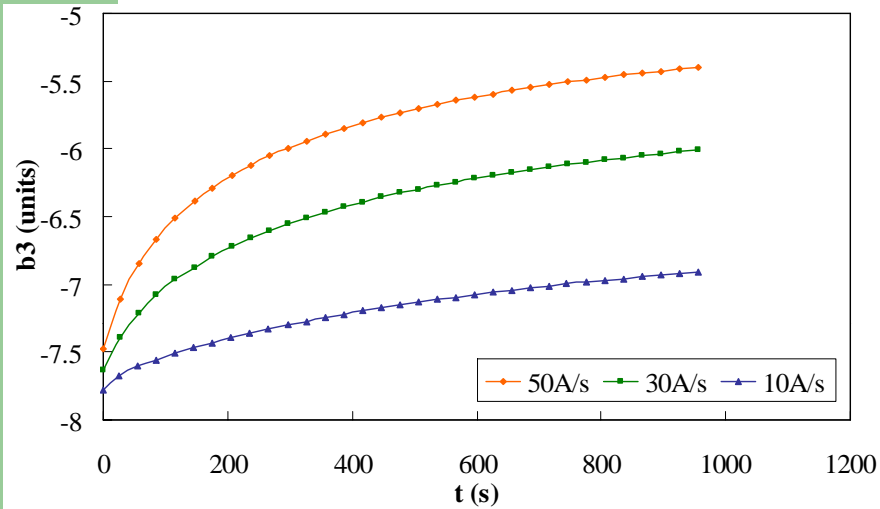
2.05

# b5



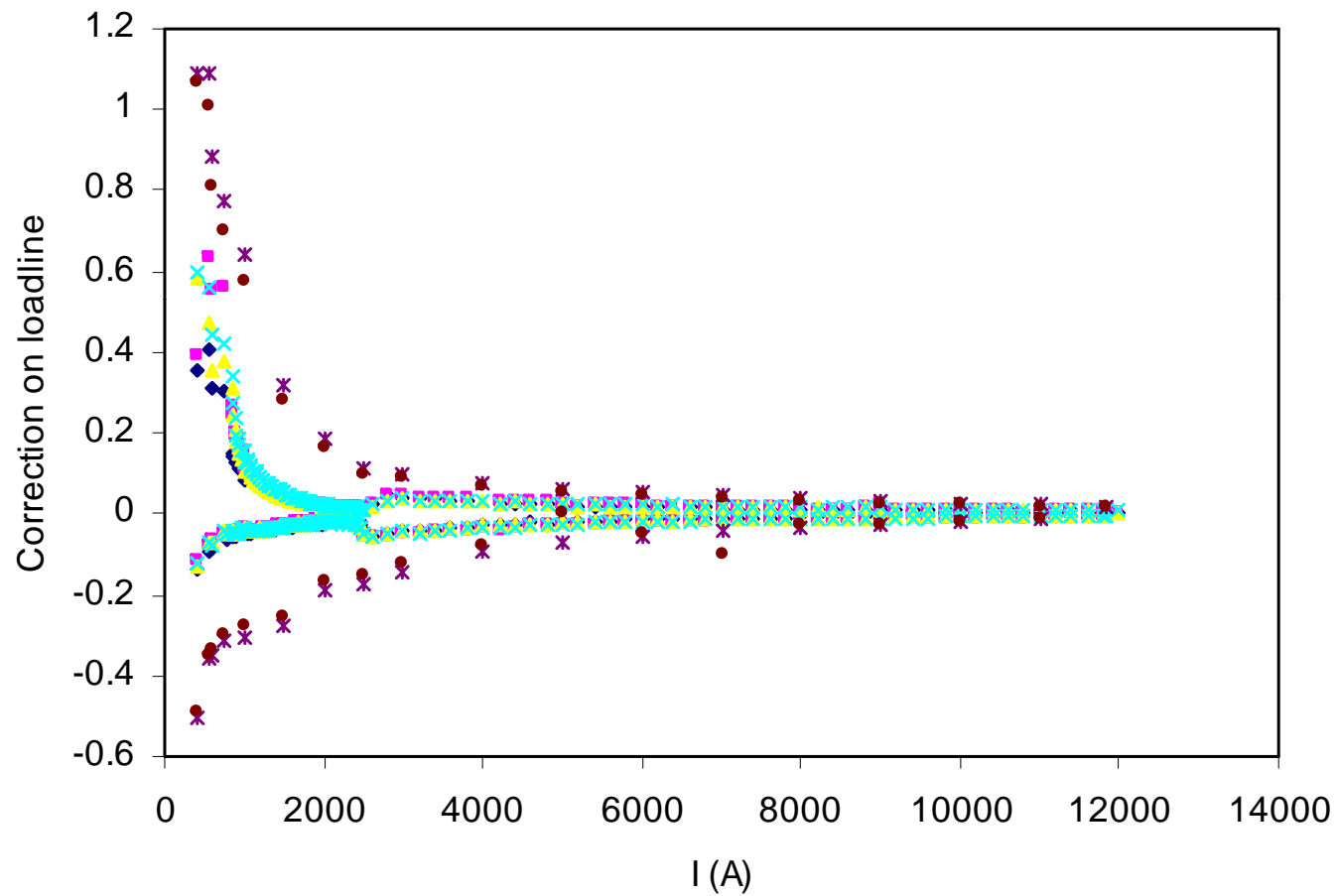
decay amplitude -0.35

# Decay amplitude dependence on ramp rate

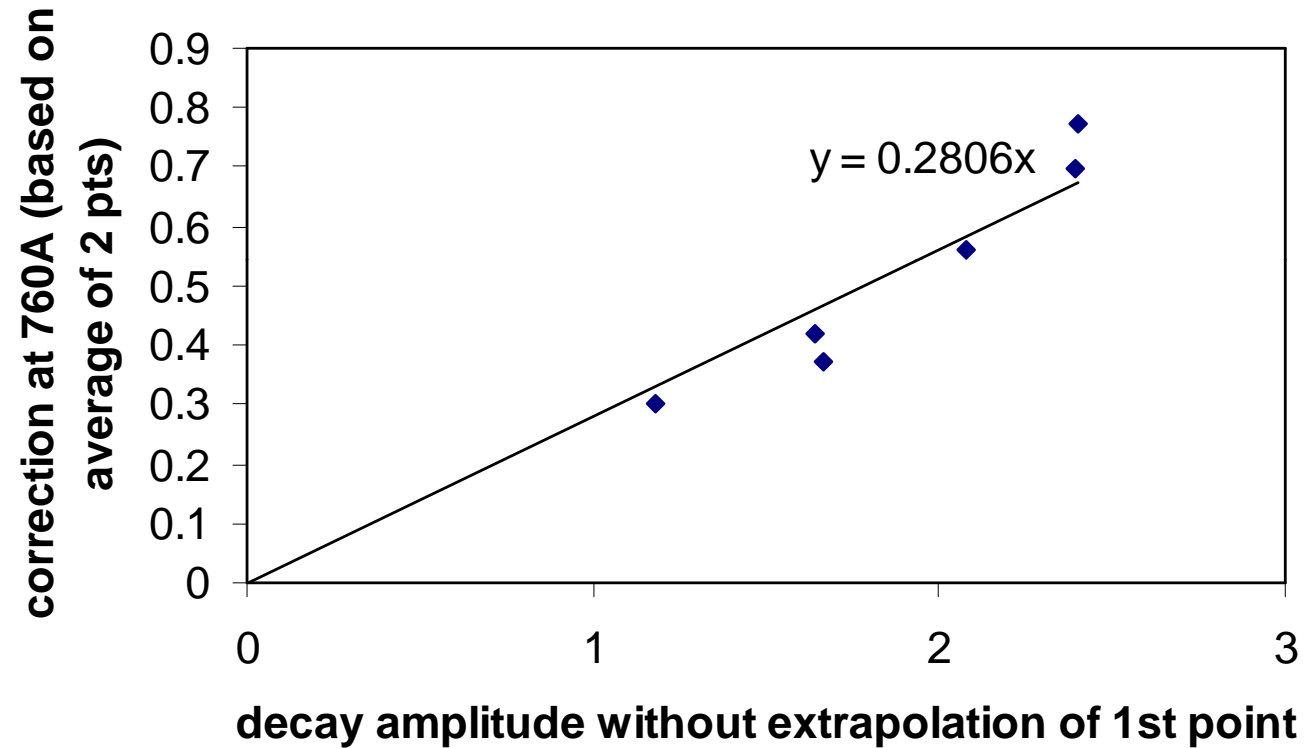




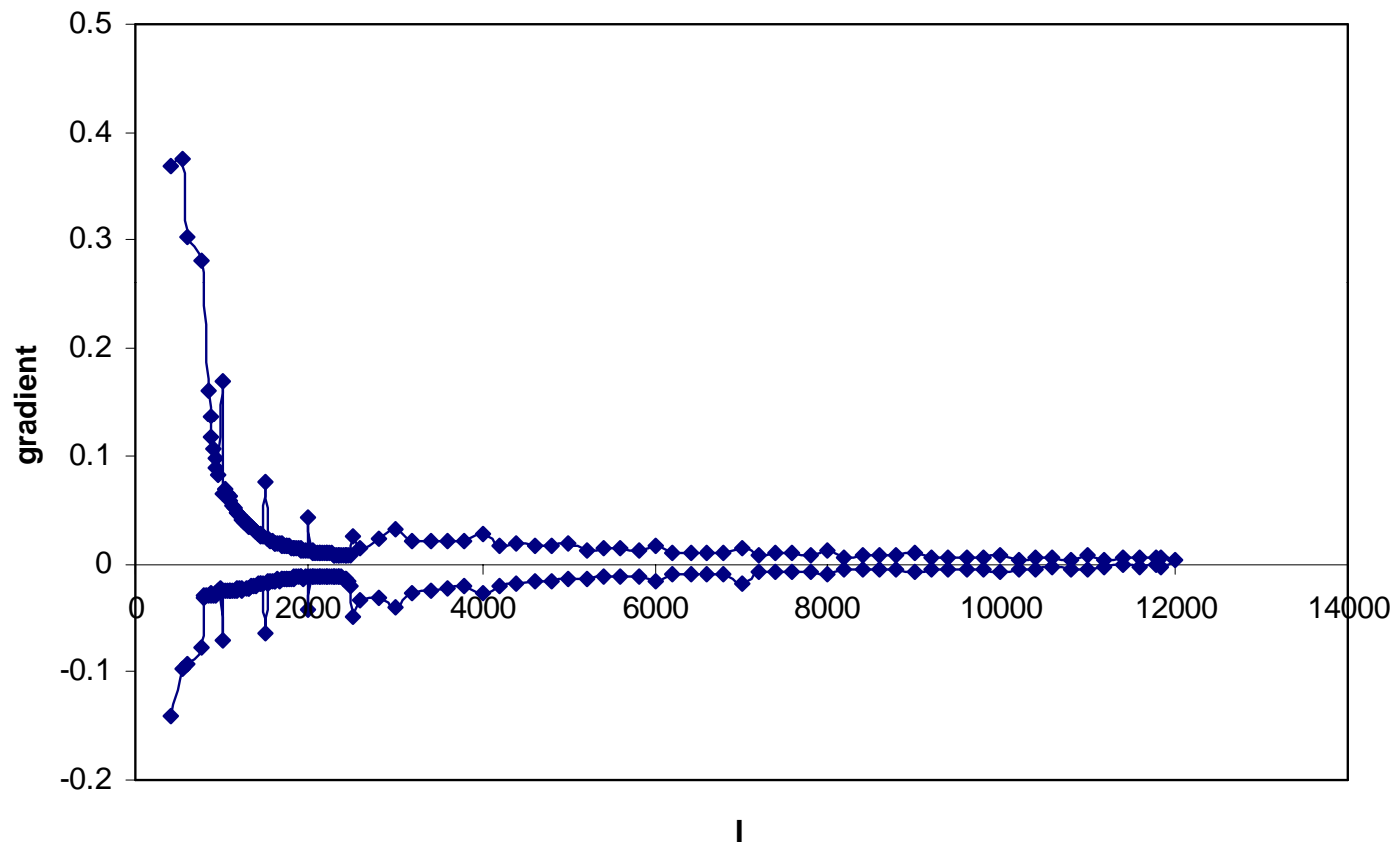
# Correction on Loadline



# Decay amplitude vs correction at 760A



# Loadline correction (gradient)



## Still to do...

- Solve loadline decay dependence issues
- extrapolate decay model by x seconds
- powering history refit
- parameters in data structure