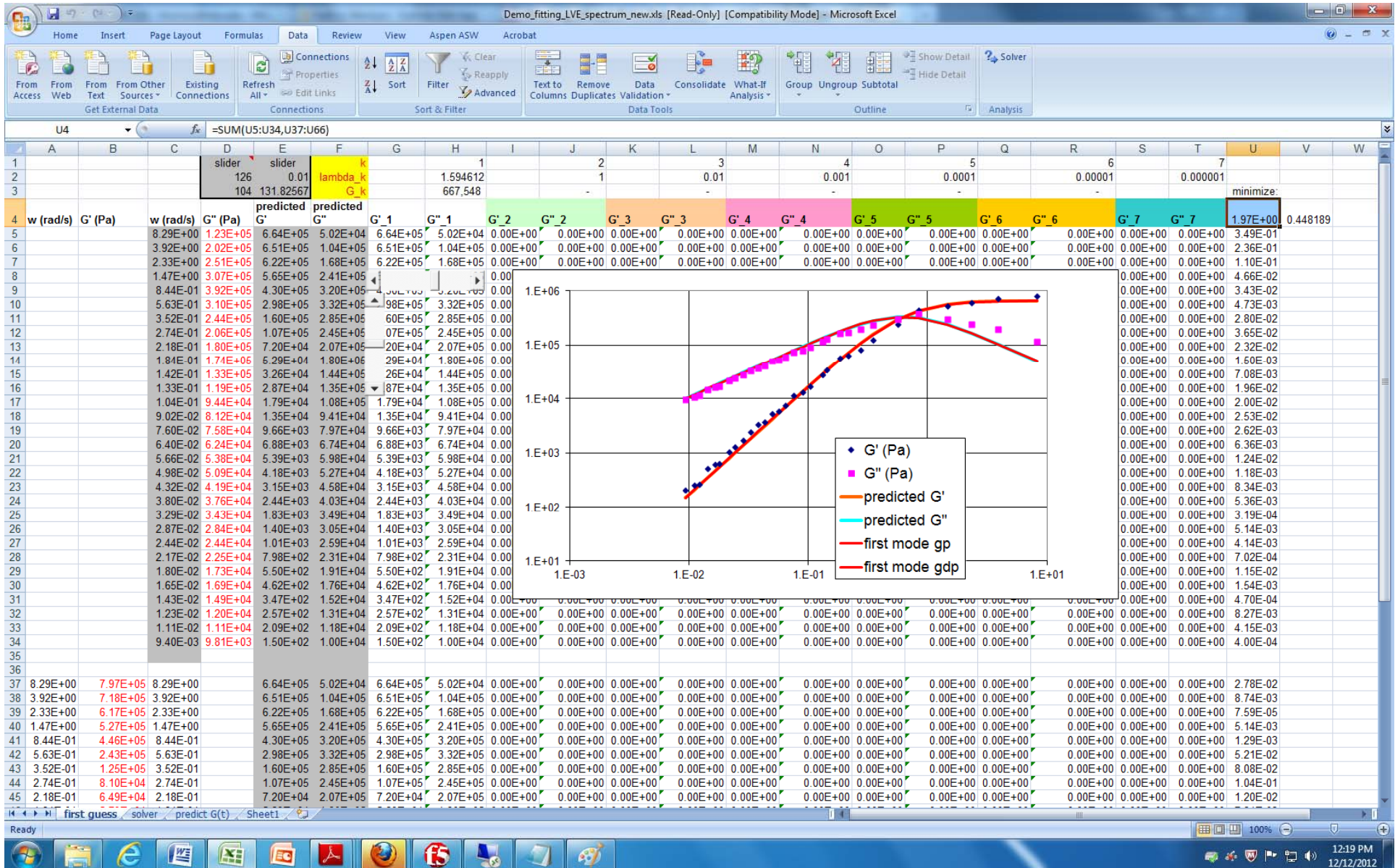
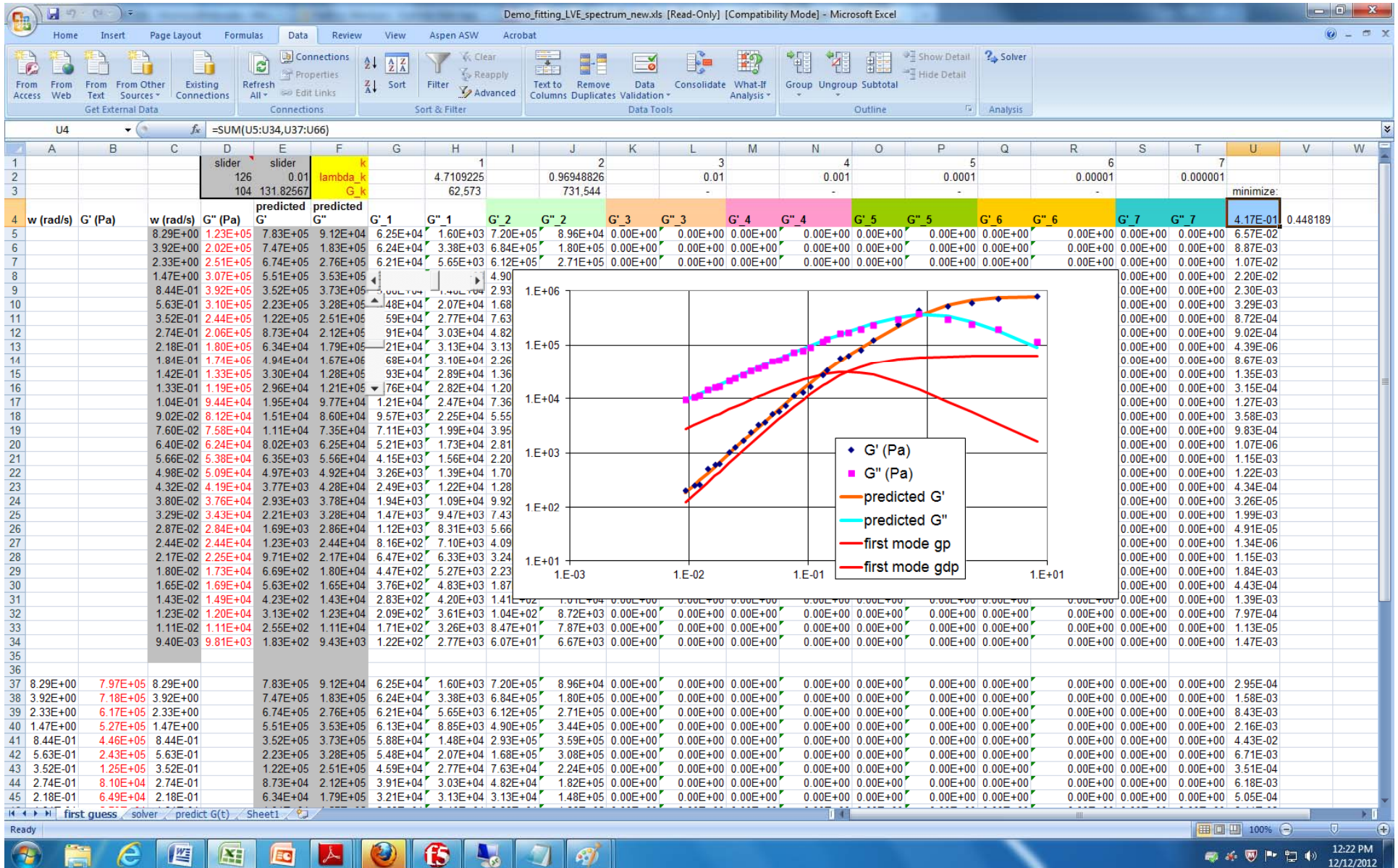


# First fit: one relaxation mode

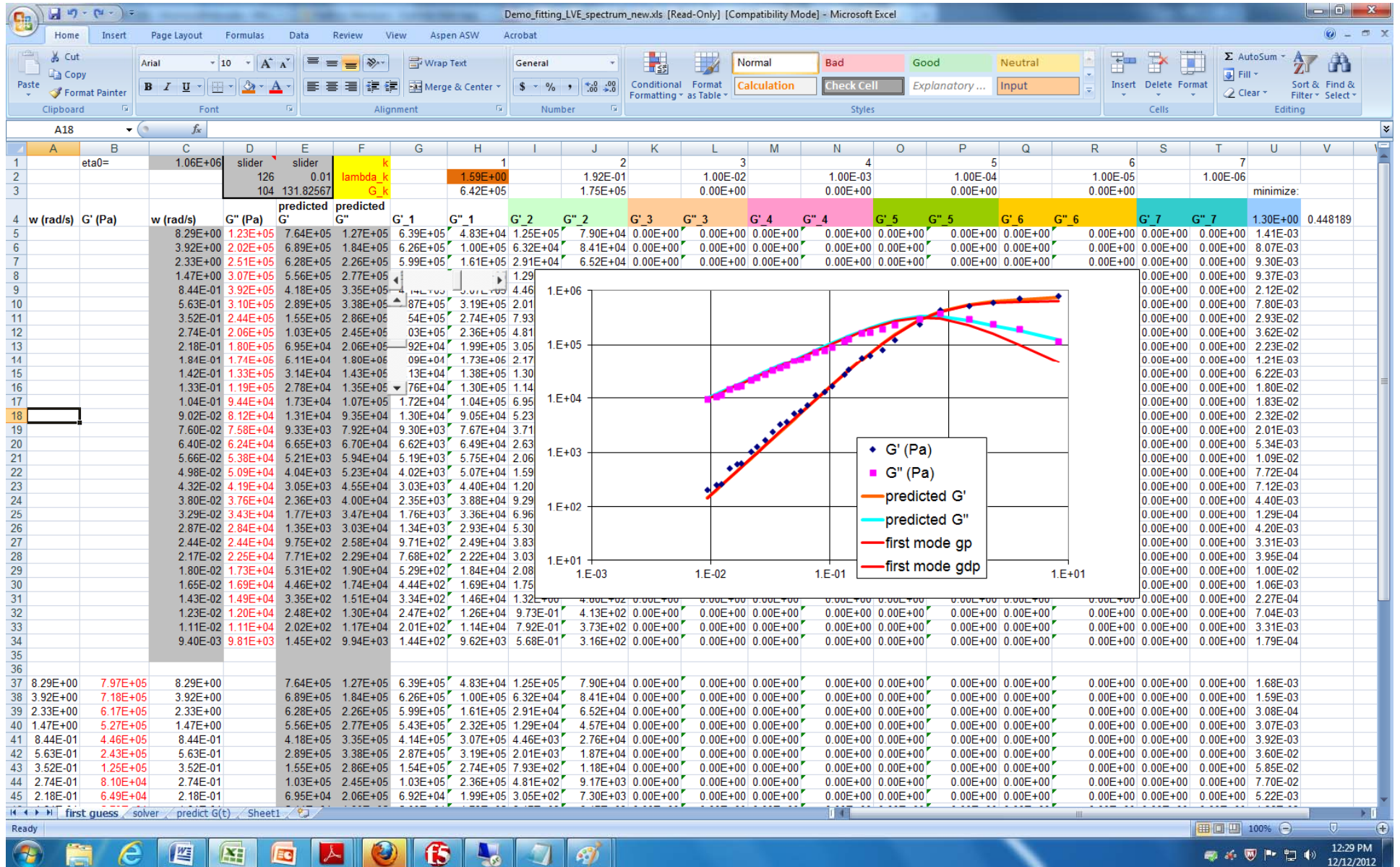


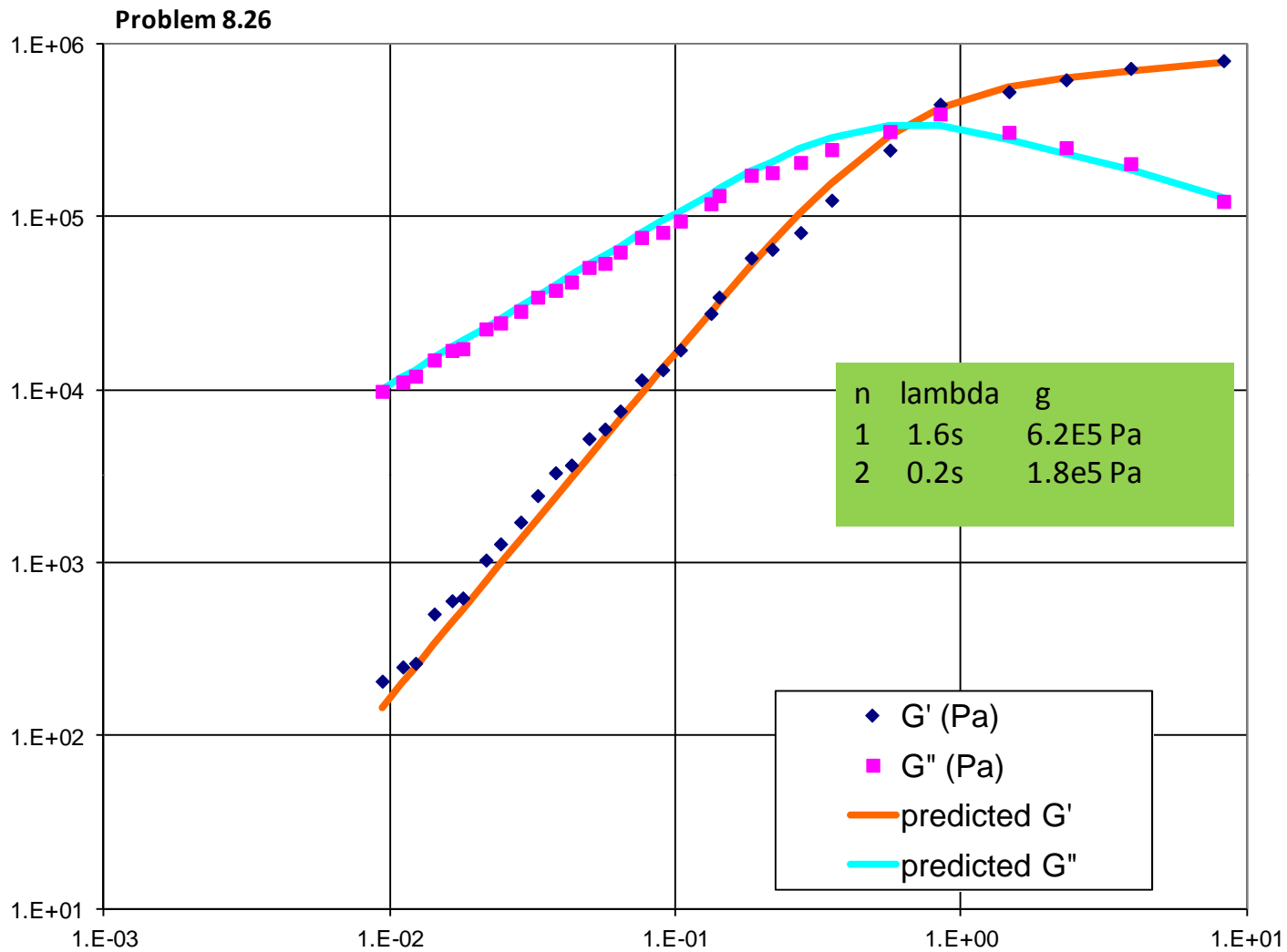
# Second fit: two relaxation modes; note new "longest relaxation time"



(c) Faith Morrison, Michigan Tech U

# Third fit: two relaxation modes; original "longest relaxation time" was fixed





This is a better solution than the one in the solution manual. The appearance of a "longer" relaxation mode as the second mode gives a better fit, but does not make sense in terms of the terminal behavior of the material. This solution was obtained by using Excel solver to do a best fit with one relaxation time and then a second relaxation mode was added. During the second optimization, Solver was not permitted to adjust the original longest relaxation time. FAM 12/12/2012