Origin Lab Scientific Graphing and Analysis Software

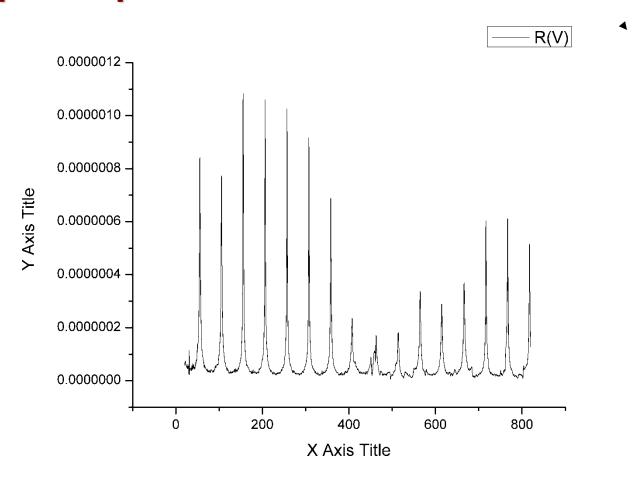
http://www.originlab.com/

Current versions on all Physics 403 computers are OriginPro 2017 What can it do:

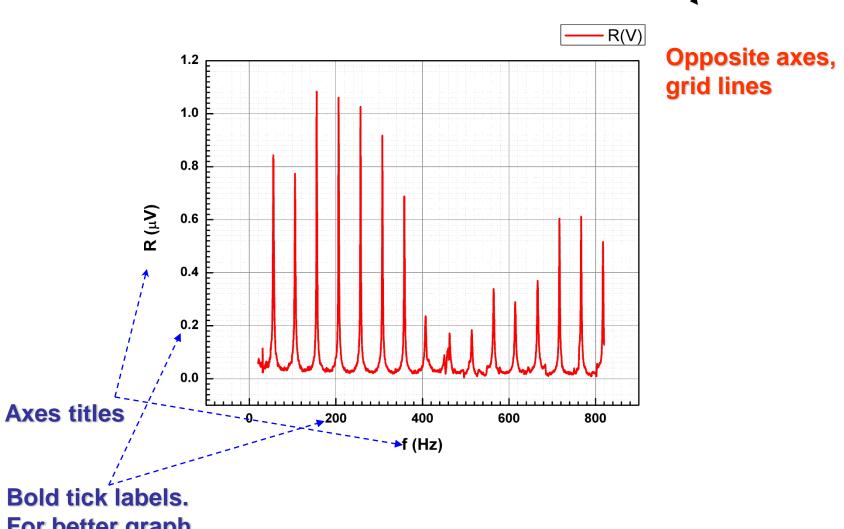
- 1. Graphical presentation of the data
- **2. Data analysis**
- 3. Preparation of the publishing quality figures.

This software is specially designed for scientific graphics and is a "standard" Windows application which does not require knowledge of C++ or any other high level computer language. In the same time if you like you can write some special functions or procedures using provided by Origin some programming tools:

Graphical presentation of the data. Basic.

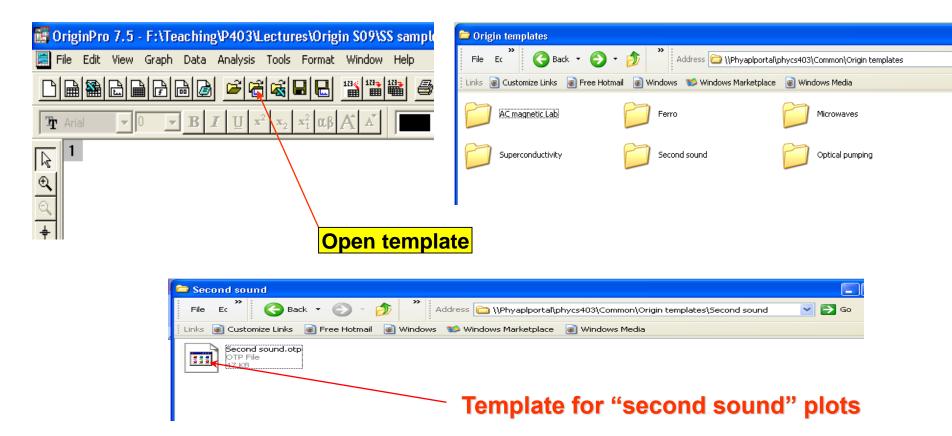


Graphical presentation of the data. Basic.



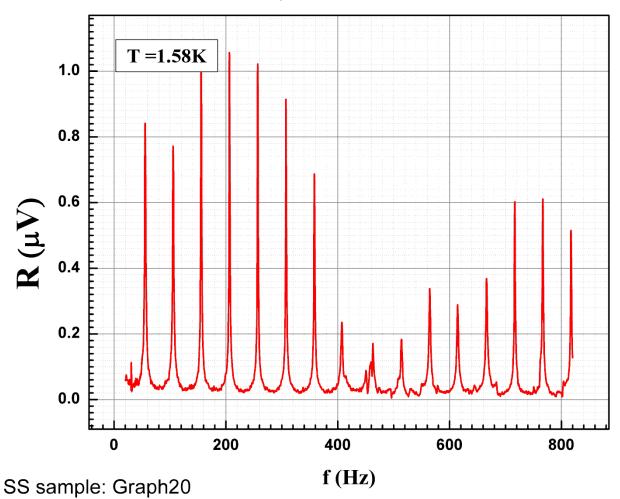
Bold tick labels.
For better graph looking volts were converted to μV

Graphical presentation of the data. Templates.

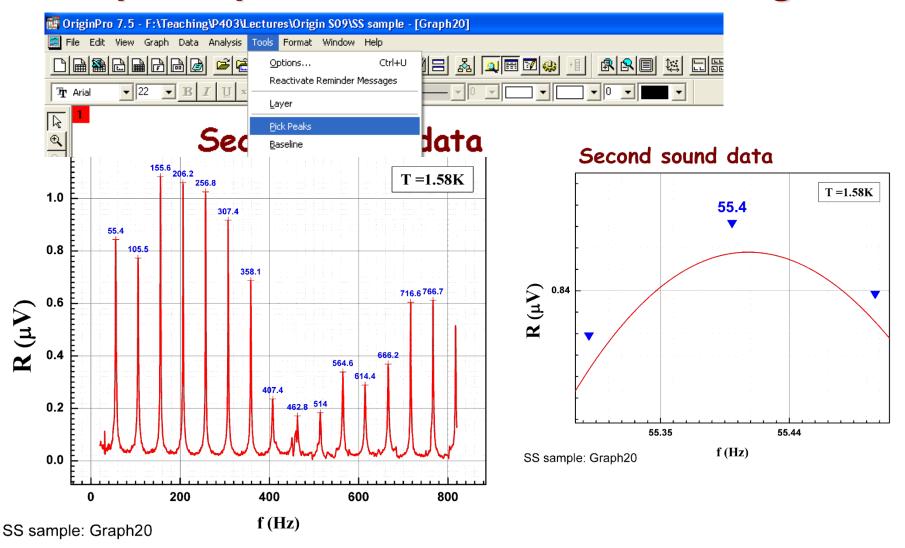


Graphical presentation of the data. Templates.

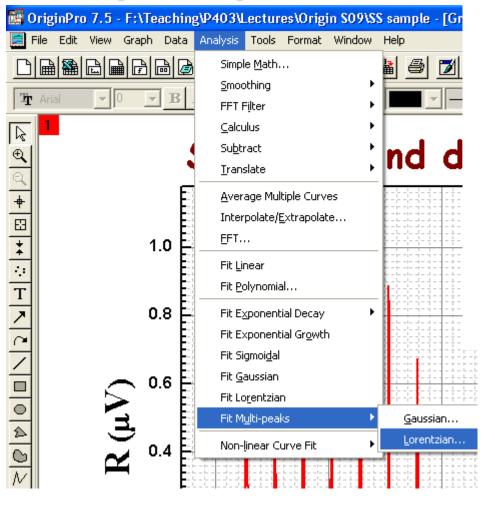
Second sound data



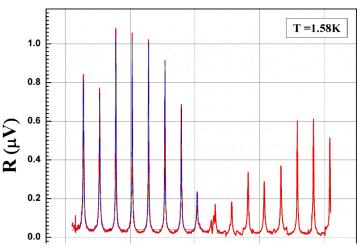
Graphical presentation of the data. Fitting etc.



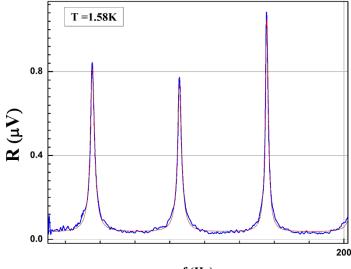
Graphical presentation of the data. Fitting etc.



Second sound data



Second sound data

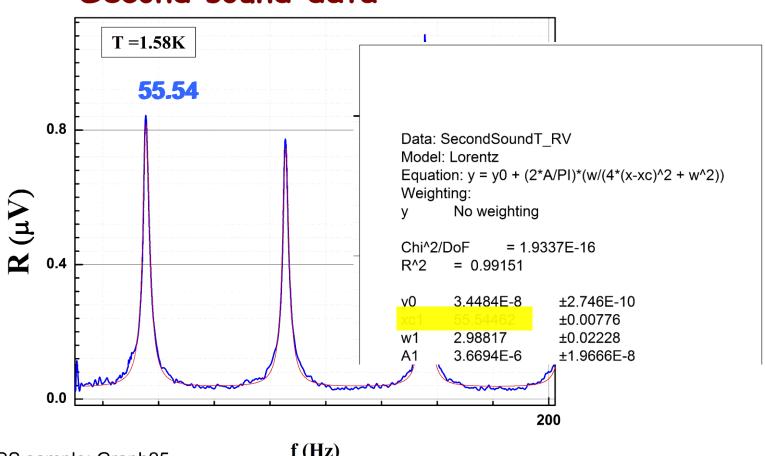


SS sample: Graph25

f (Hz)

Graphical presentation of the data. Fitting etc.

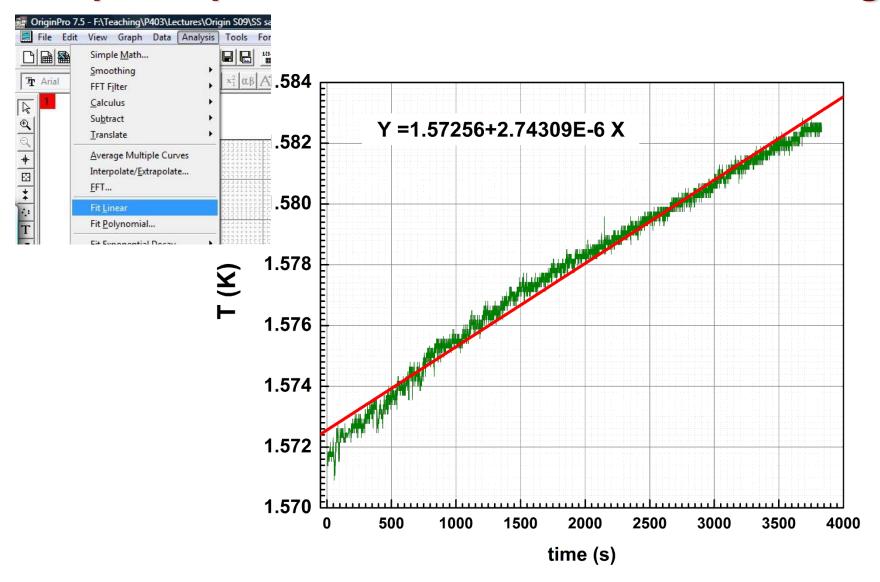
Second sound data



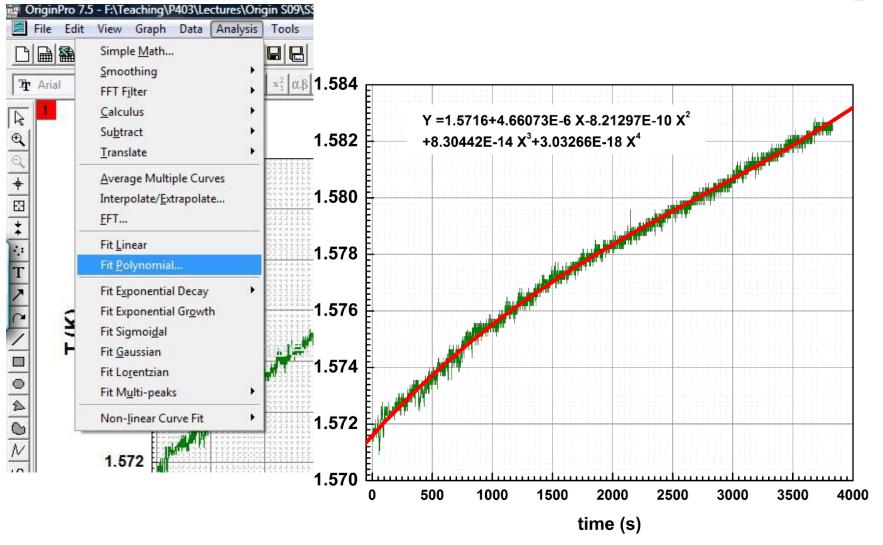
SS sample: Graph25

f (Hz)

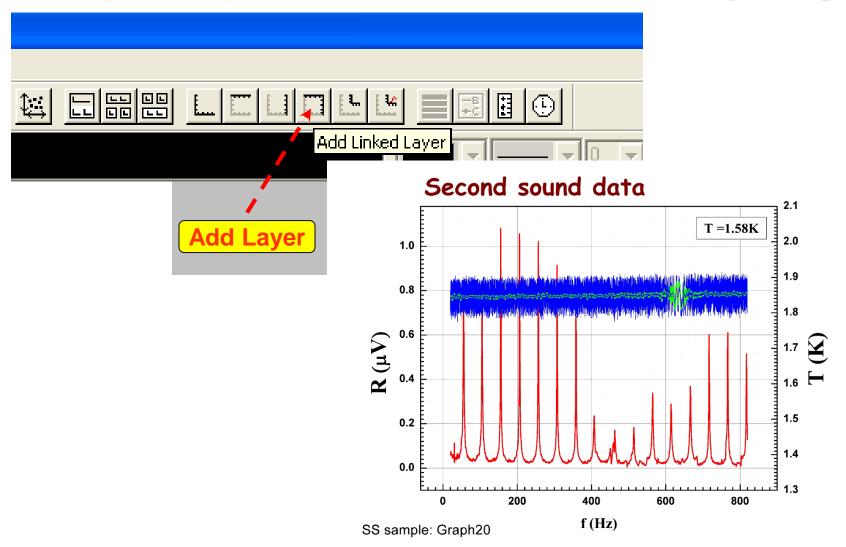
Graphical presentation of the data. Linear fitting.



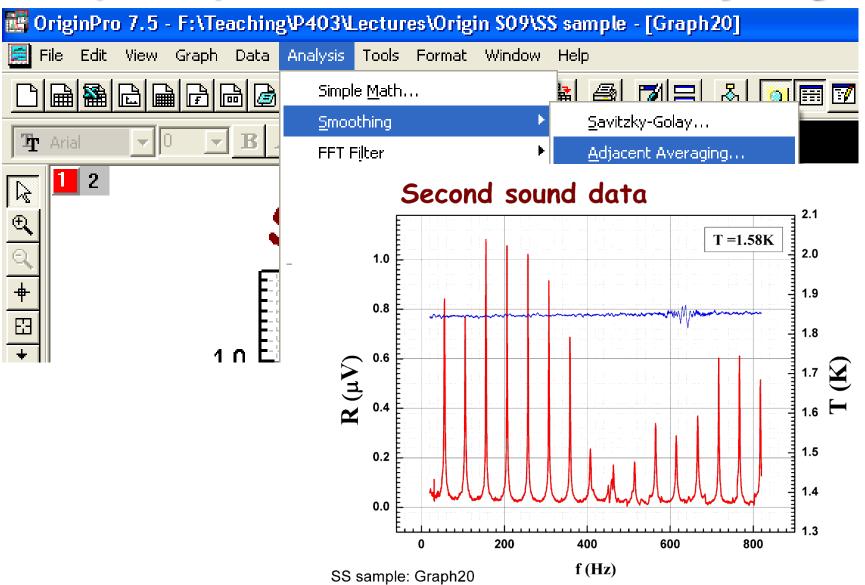
Graphical presentation of the data. Linear fitting.



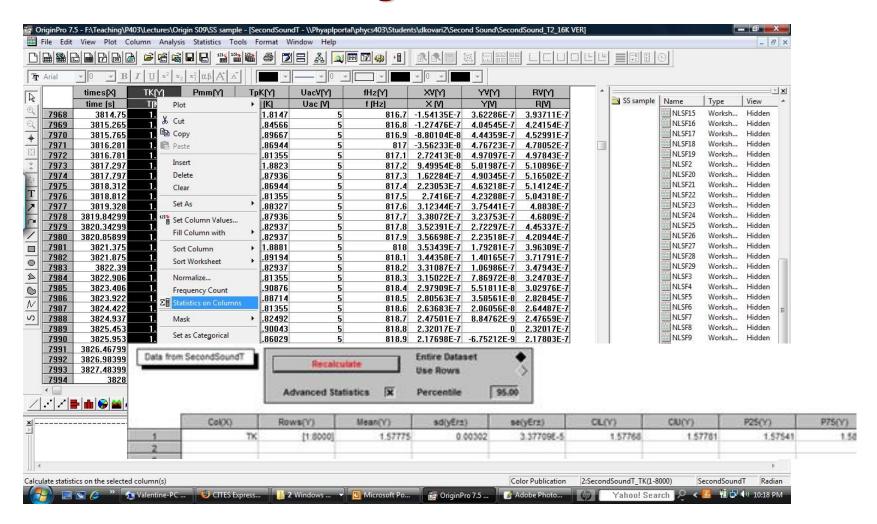
Graphical presentation of the data. 2 layers graph.



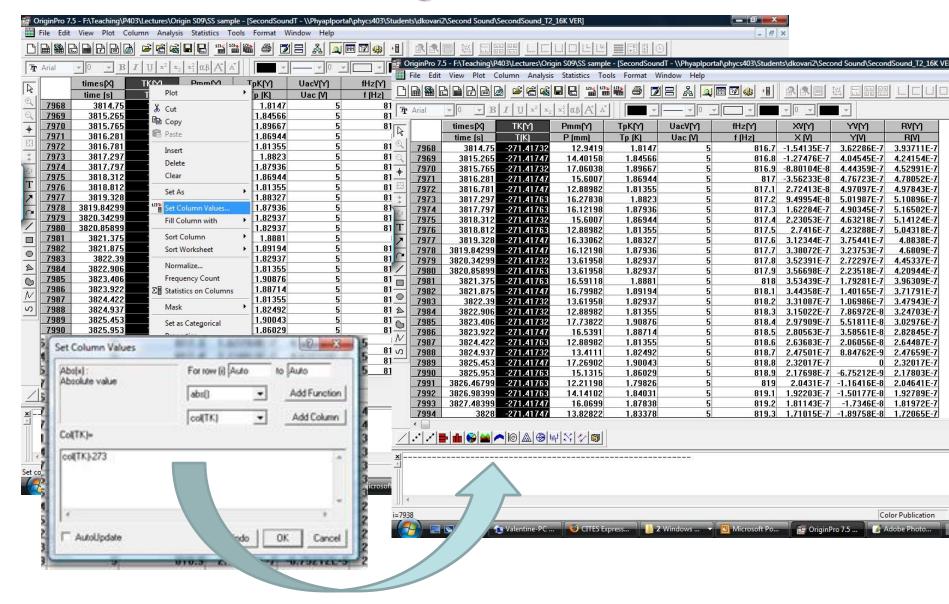
Graphical presentation of the data. 2 layers graph.



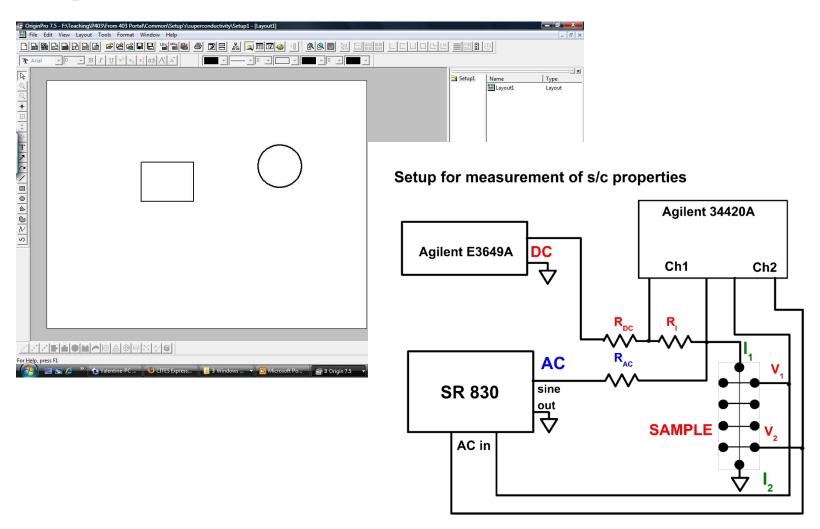
Worksheets. Working with data.



Worksheets. Working with data.



Layouts.



Origin at UIUC Webstore and OriginLab site.



Home > Personal Purchase > Software > Free Software





OriginLab, Inc.

Eligibility: UIC Faculty, UIC Staff, UIC Sta Faculty and Staff and UIUC Students.

https://webstore.illinois.edu

www.originlab.com





Origin. Useful link http://www.originlab.com/fileexchange/index.aspx



OAnimator ScanRead

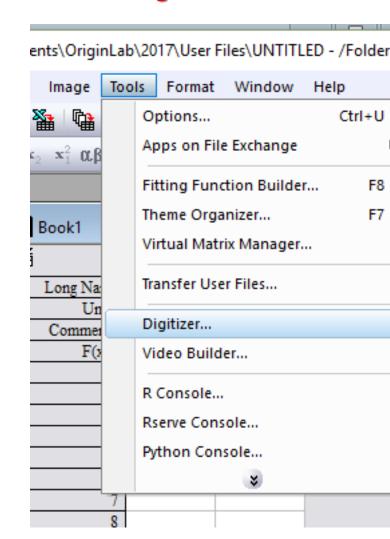
Import Princeton Instruments (*.SPE) Files

Data Analysis and Graphing Software

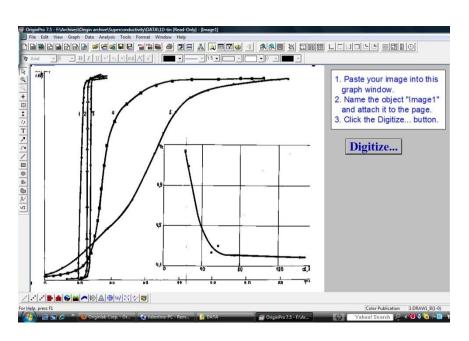


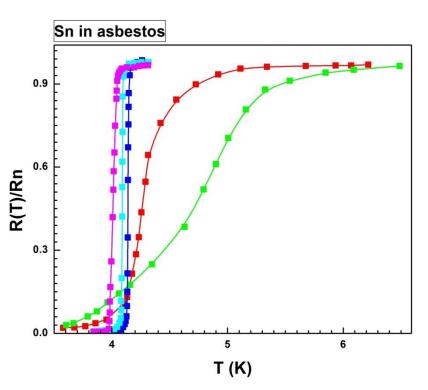
SUPPORT SOLUTIONS COMPANY **PRODUCTS PURCHASE** DOWNLOAD File Exchange The OriginLab File Exchange is a place to let Origin users share their Origin files or custom components with others. Digitizer Most recently updated files: Separate data into blocks Automated analysis of pClamp data Cross Correlation Shortcut buttons Digitizer for Origin 7, 7.5 and 8.0 (SR2 or later) Most downloaded files (Last Month): Digitizer for Origin 7, 7.5 and 8.0 (SR2 or later) Tangents Peak Analysis Tool Extract data from graph MultiFit - Multiple curve fitting commands Cluster Tool Digitizer for Origin 6.0 and 6.1 Tafel Extrapolation (Estimate Ecorr and Icorr) **Envelope Curves** Script Tool Linear Digitize Template Estimate Onset of Slope Change **ONMR 7.5** Shortcut buttons

Origin 2017



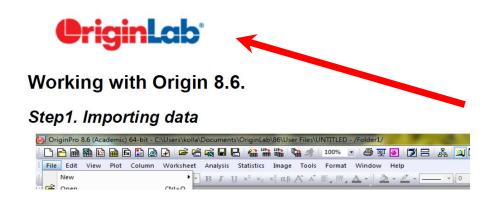
Origin. Using digitizer script.







Origin manuals



Very short and simple manual which covers only main general operations with Origin. Document located on server (\Phyaplportal\PHYCS403\Common\Origin manuals).

There are (\\PhyapIportal\PHYCS403\Common\Origin manuals) also manuals from OriginLab.

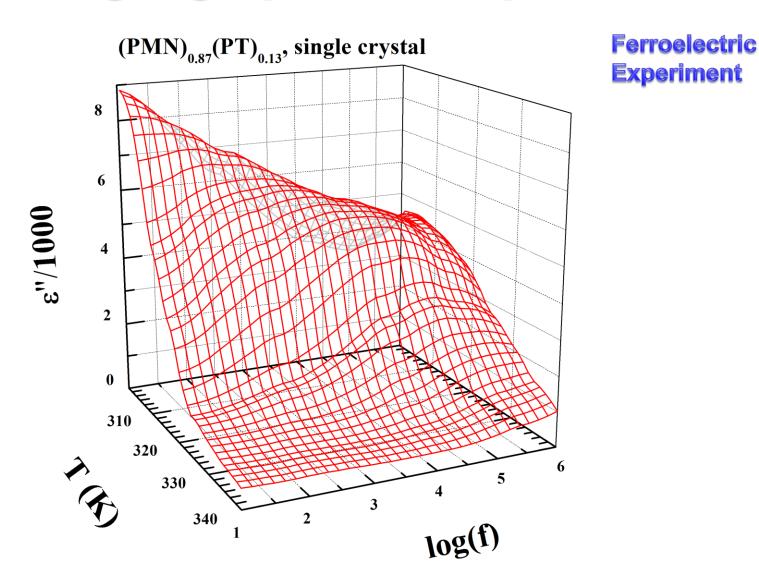
Do not forget about Origin Help

Video Tutorials at the site of the company

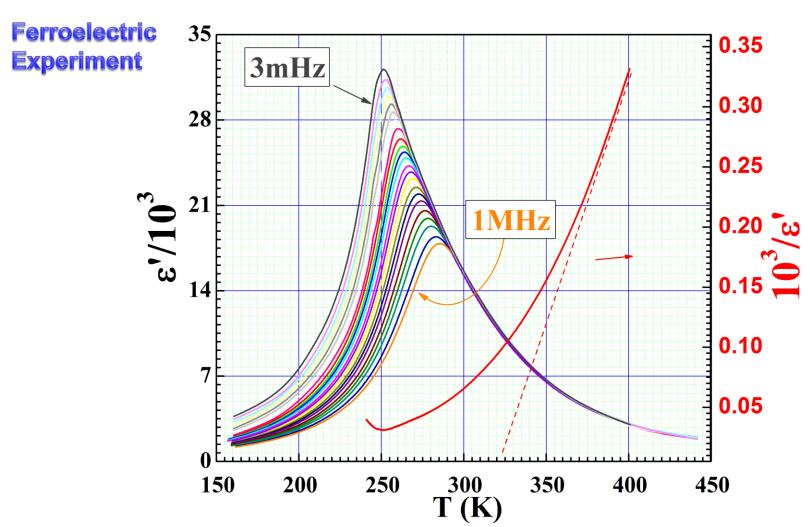


http://www.originlab.com/index.aspx?go=SUPPORT/VideoTutorials



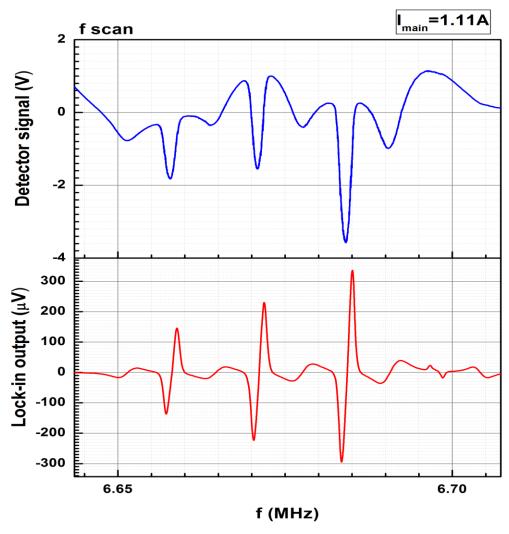








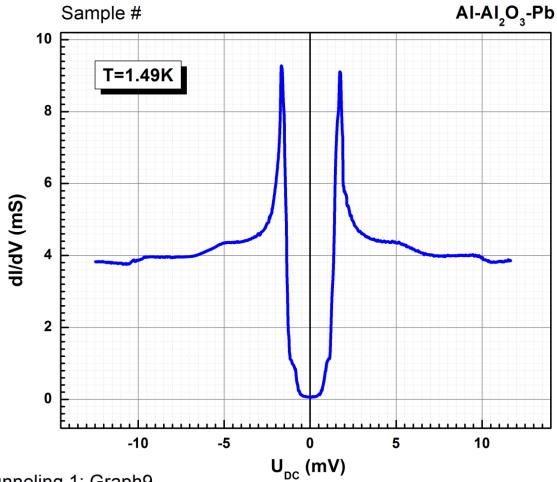
Optical pumping



Mapping 0.5-2.5A from March 1st 2012: Graph7





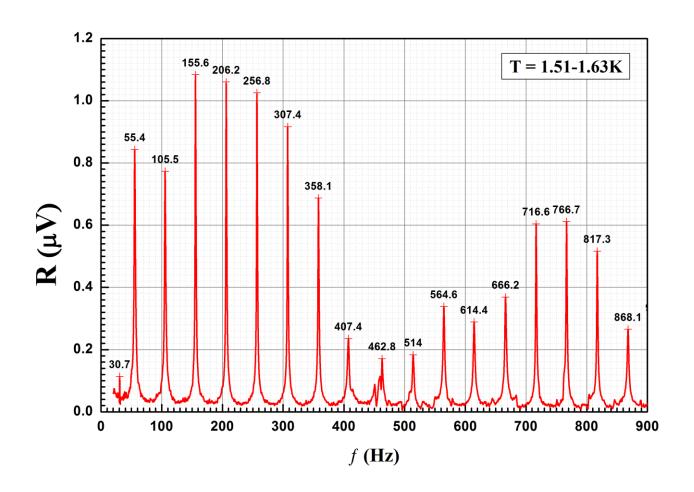


Tunneling 1: Graph9

Sample n2 run8 zoom temp 1.55K



Second sound





Magnet mapping

