

11 Additional Information

11.1 Recording Data

If the method for recording data described in Section 5.1 does not work, try the following method instead.

1. Use the “To file” block, see Figure 9.
2. Connect the block to a signal you want to measure. Input some suitable parameters, and note that the format has to be Array — see Figure 10.
3. After running the system, you can access and plot the data using something like the following commands:

```
>> load('e.mat')  
  
>> plot(e_measured(1,:0), e_measured(2,:0))
```

where the first row of `e_measured` is time and the second row is the data. An example result is shown in Figure 11.

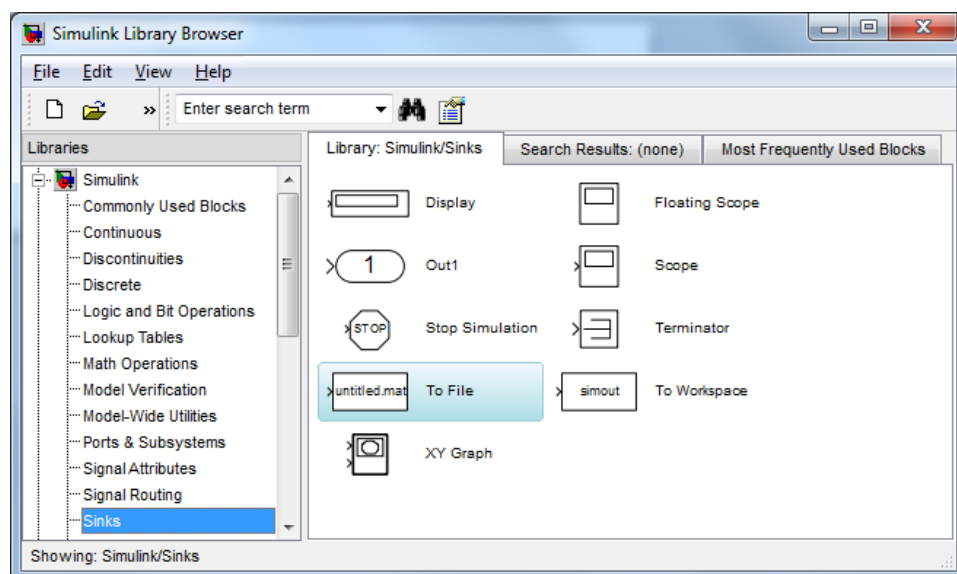


Figure 9: Location of the “To file” block in the Simulink library browser.

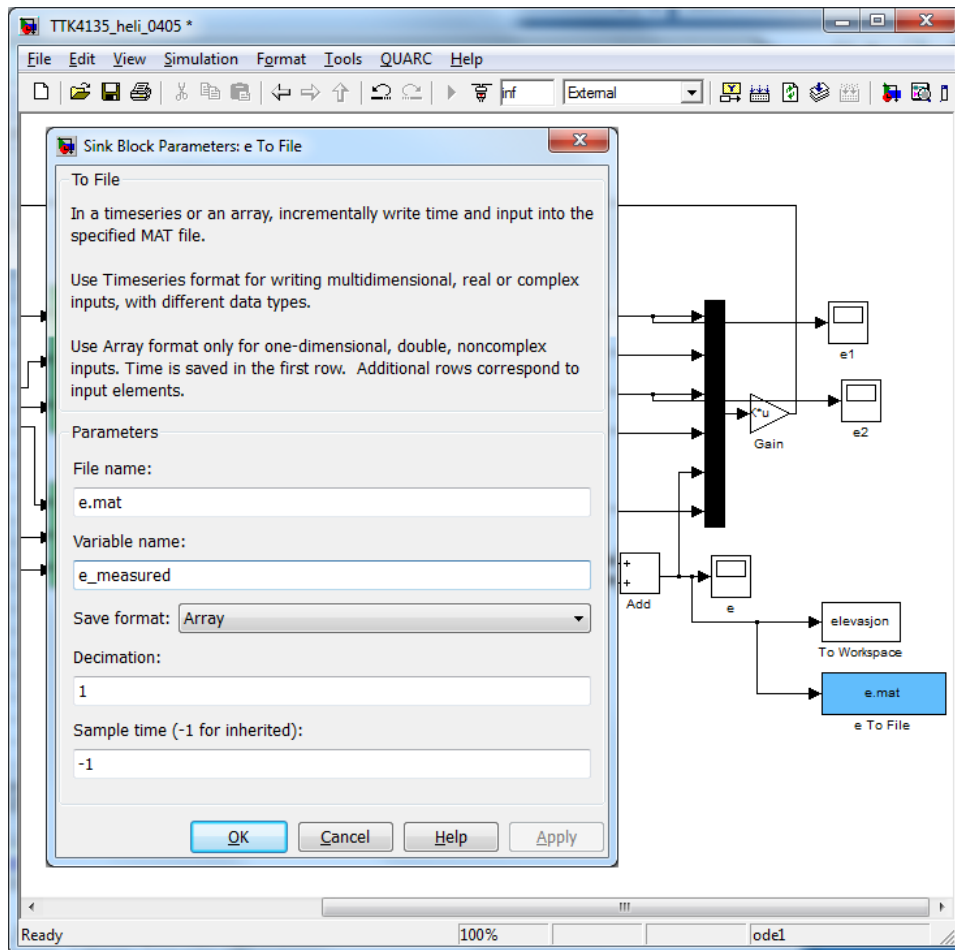


Figure 10: The block (in light blue) connected to the elevation measurement, and the parameters dialogue. Note that format has to be “Array”.

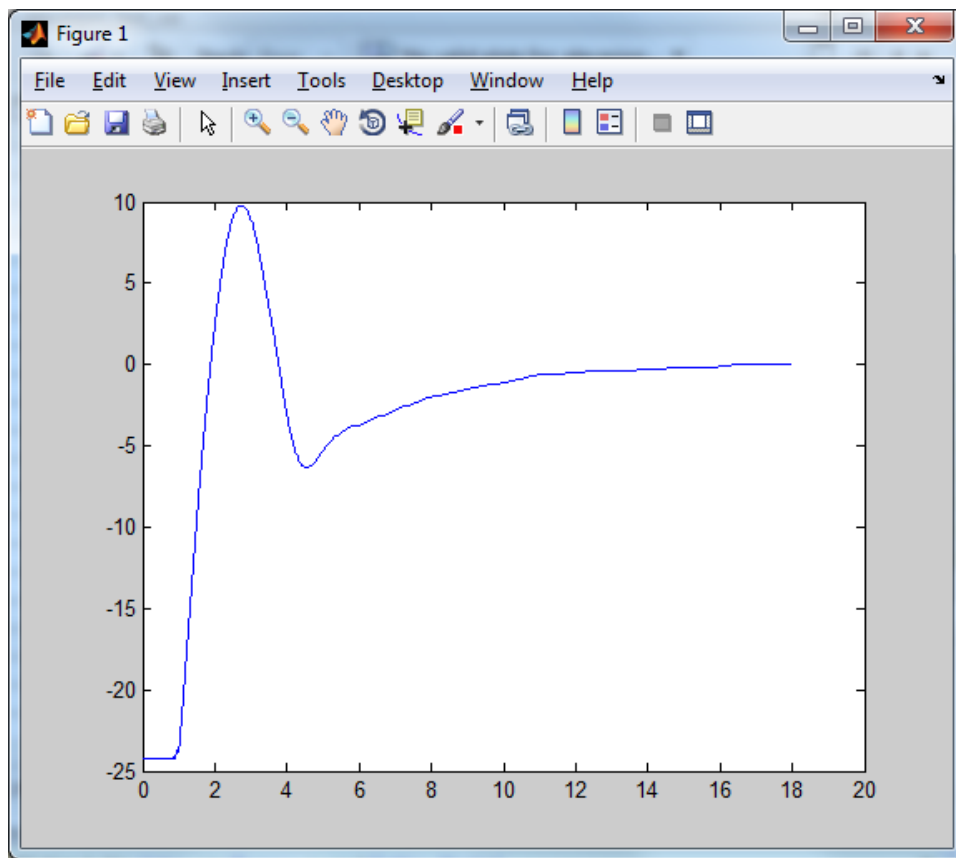


Figure 11: Resulting plot.