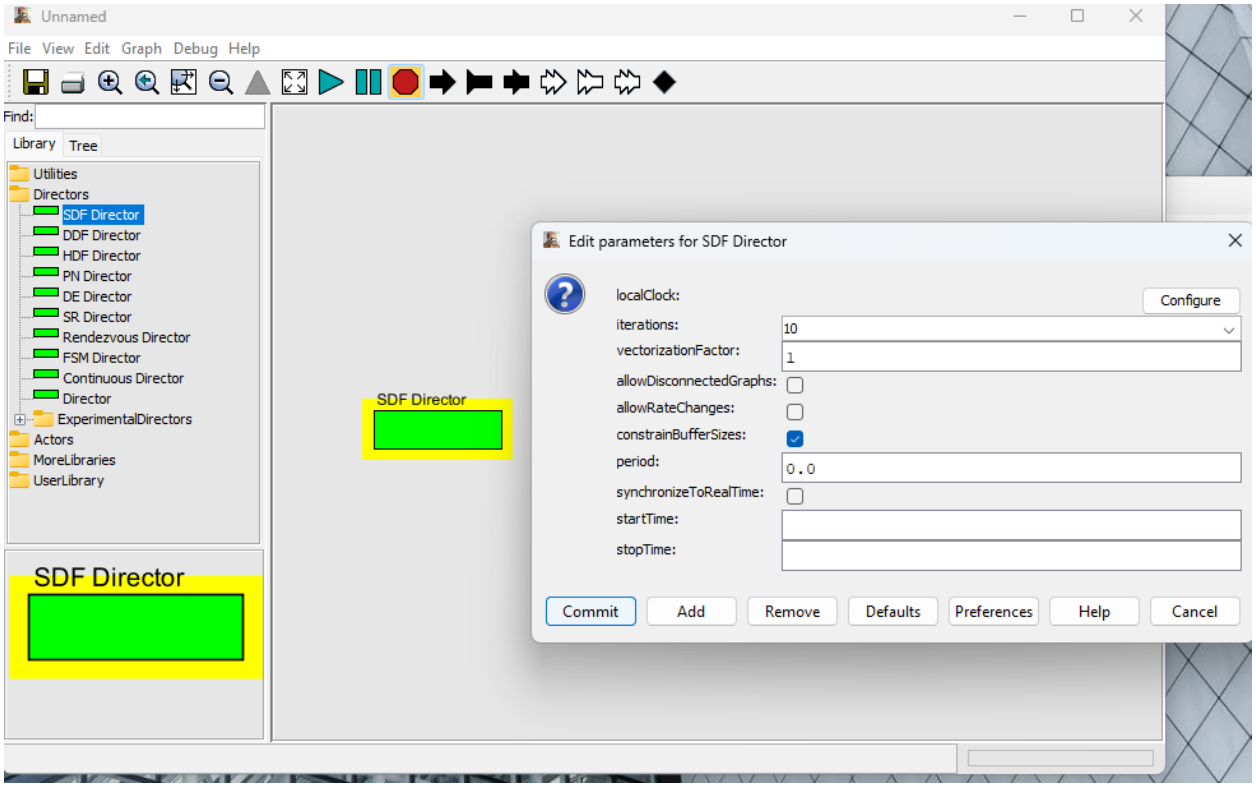
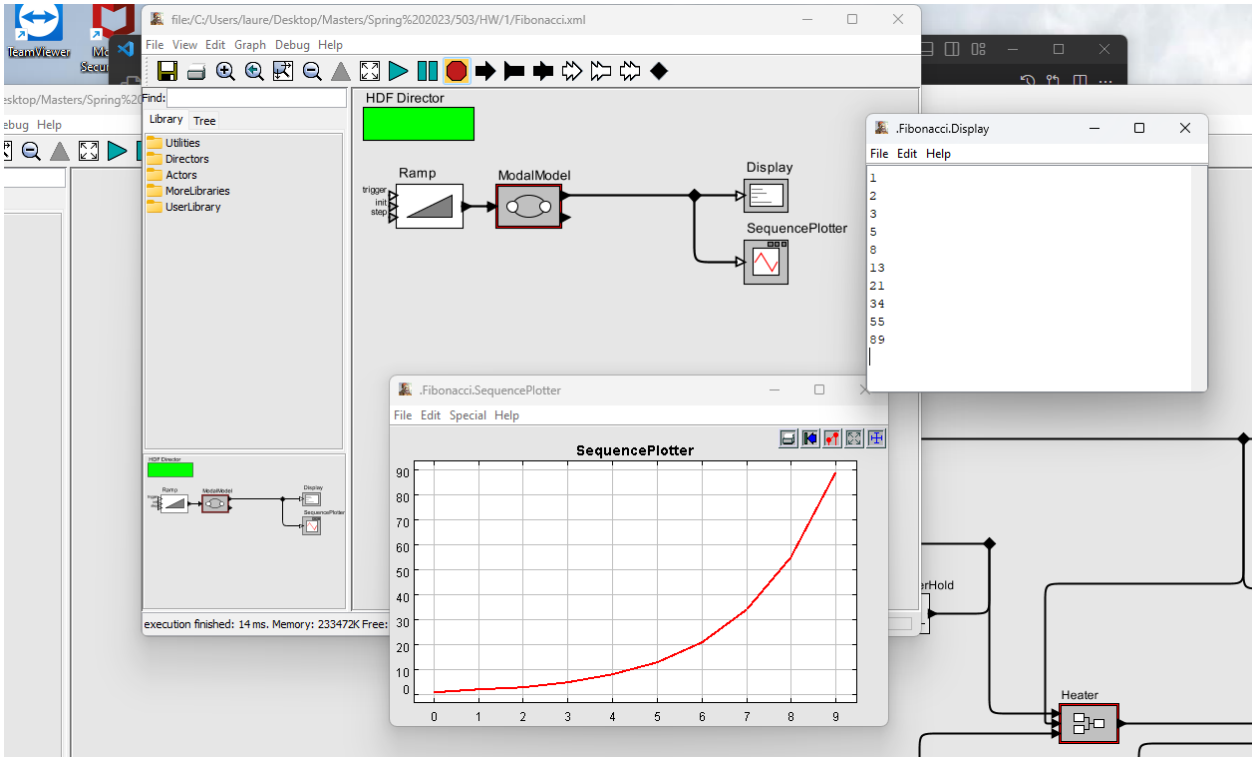
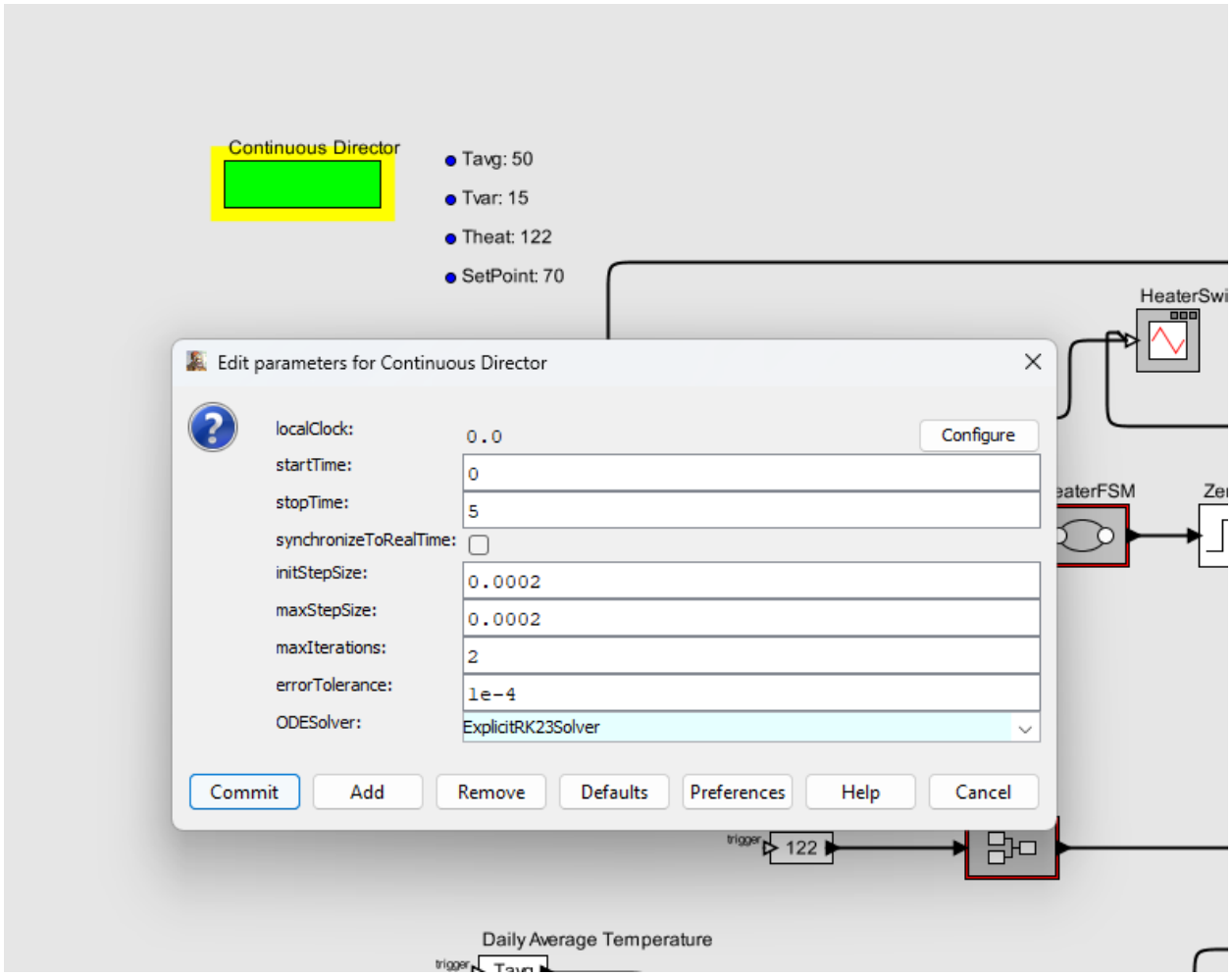
Part 0:

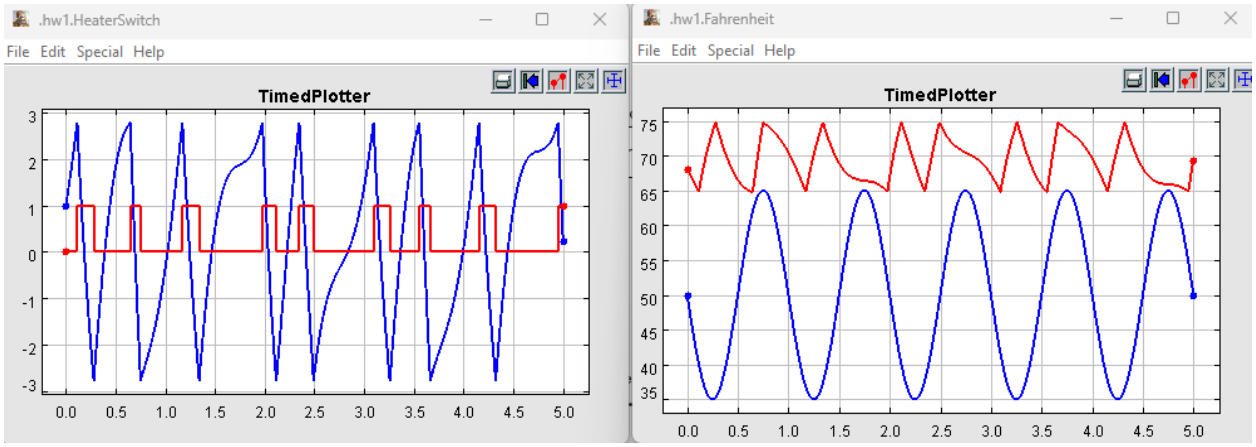

Unnamed
File View Edit Graph Debug Help
Find:
Library Tree
Utilities
Directors
SDF Director
DDF Director
HDF Director
PN Director
DE Director
SR Director
Rendezvous Director
FSM Director
Continuous Director
Director
ExperimentalDirectors
Actors
MoreLibraries
UserLibrary
SDF Director
SDF Director
Edit parameters for SDF Director
localClock:
Configure
iterations:
10
vectorizationFactor:
1
allowDisconnectedGraphs:
allowRateChanges:
constrainBufferSizes:
period:
0.0
synchronizeToRealTime:
startTime:
stopTime:
Commit
Add
Remove
Defaults
Preferences
Help
Cancel


file:/C:/Users/laure/Desktop/Masters/Spring%202023/503/HW/1/Fibonacci.xml
File View Edit Graph Debug Help
HDF Director
Ramp
ModalModel
Display
SequencePlotter
.Fibonacci.Display
File Edit Help
1
2
3
5
8
13
21
34
55
89
.Fibonacci.SequencePlotter
File Edit Special Help
SequencePlotter
90
80
70
60
50
40
30
20
10
0
0 1 2 3 4 5 6 7 8 9
Heater
execution finished: 14 ms. Memory: 233472K Free:

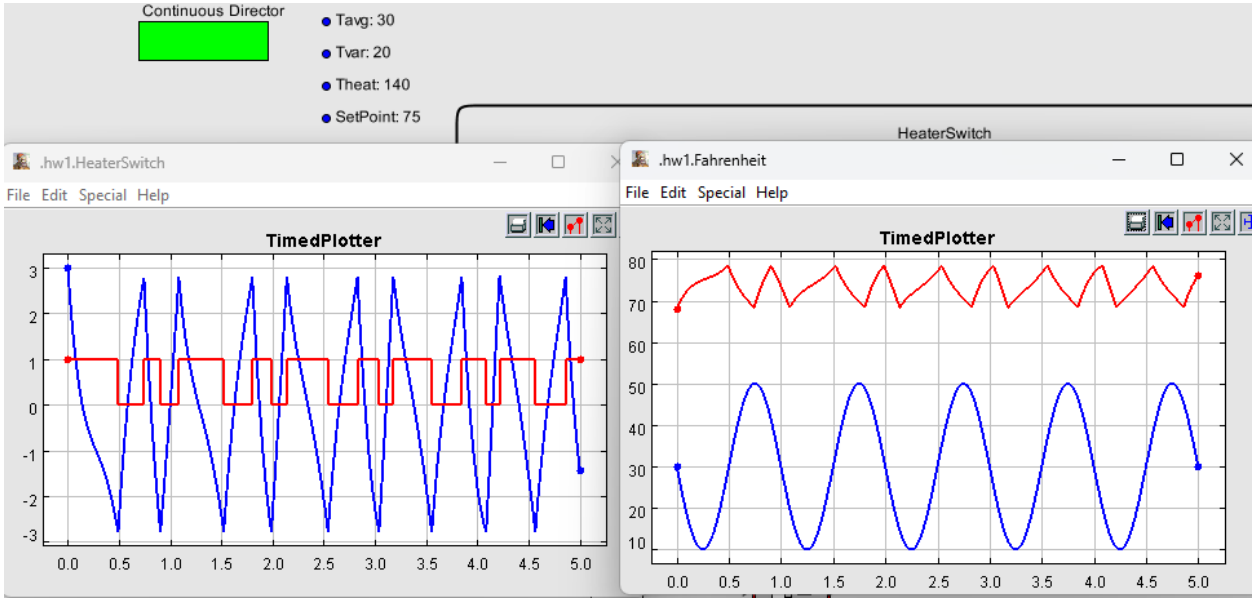
Part 1:



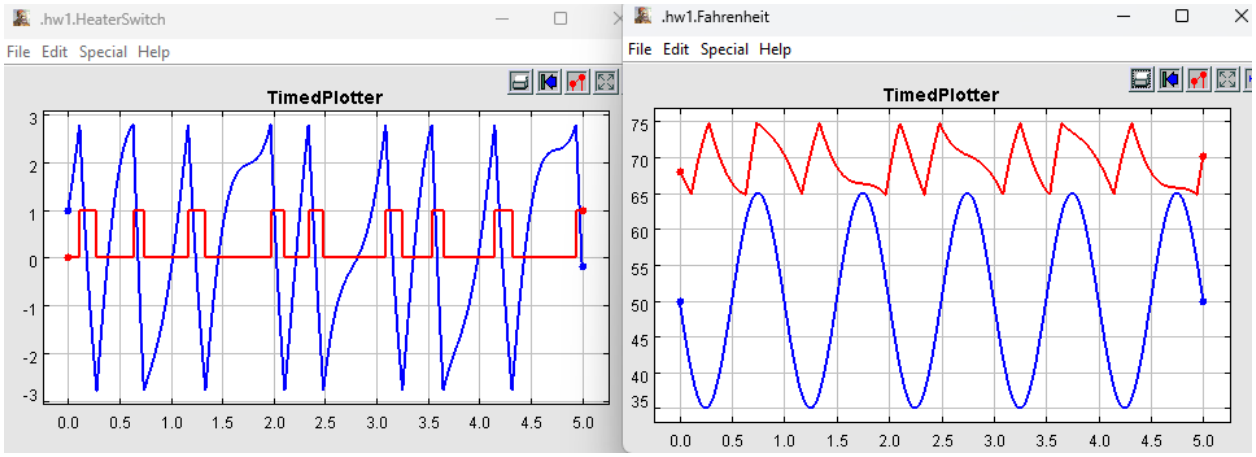
Standard Param and granularity run:



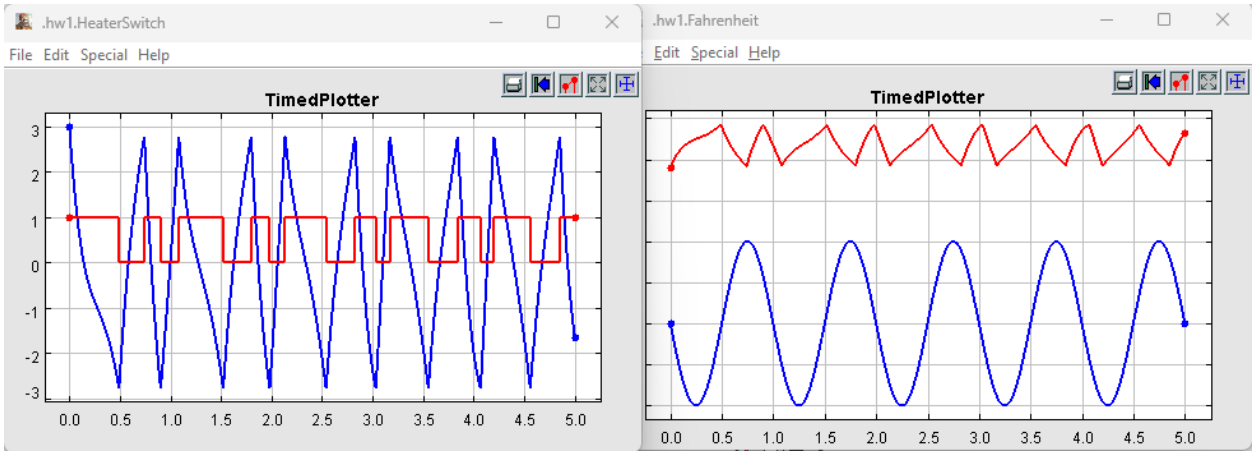
Modified Param, orig granularity:



Standard Param, modified granularity(initStepSize=0.0001 and maxStepSize=0.0010 and sample period = 0.0001):

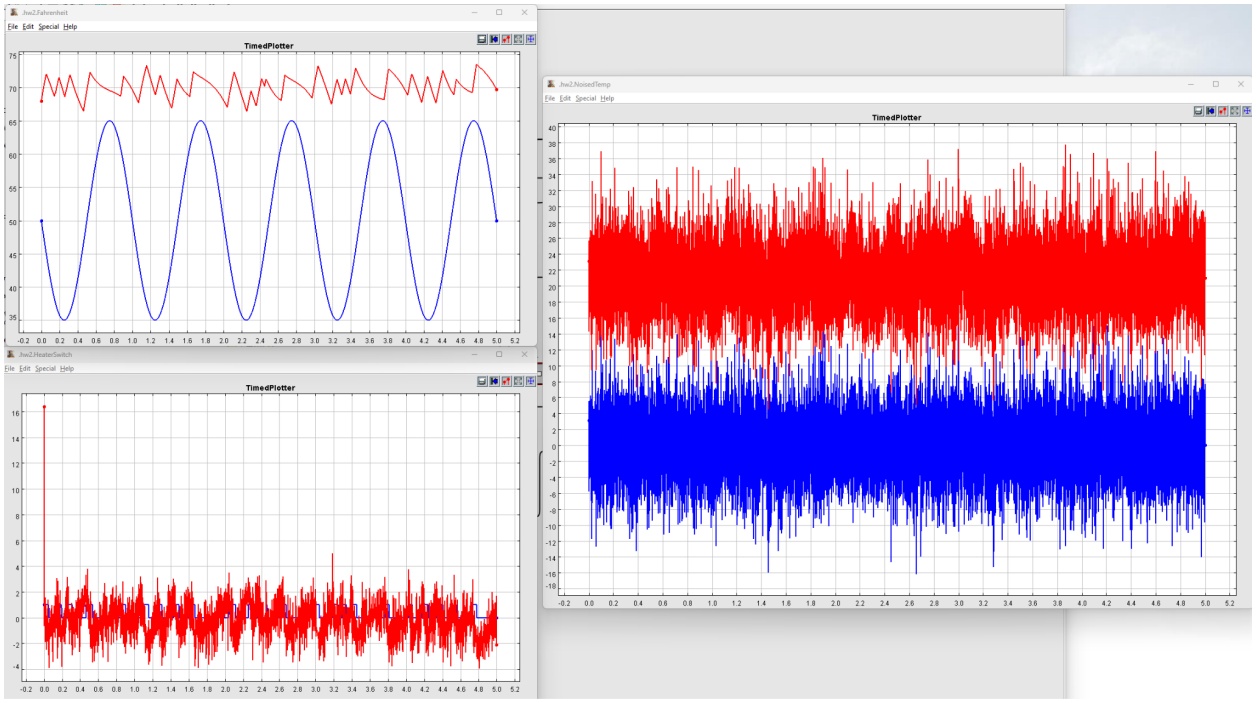


Modified Param, modified granularity(initStepSize=0.0001 and maxStepSize=0.0010 and sample period = 0.0001):

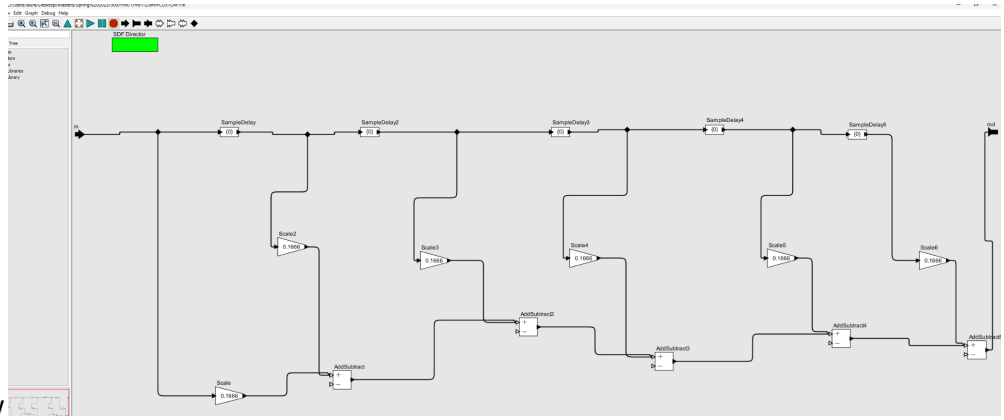


Part 2:

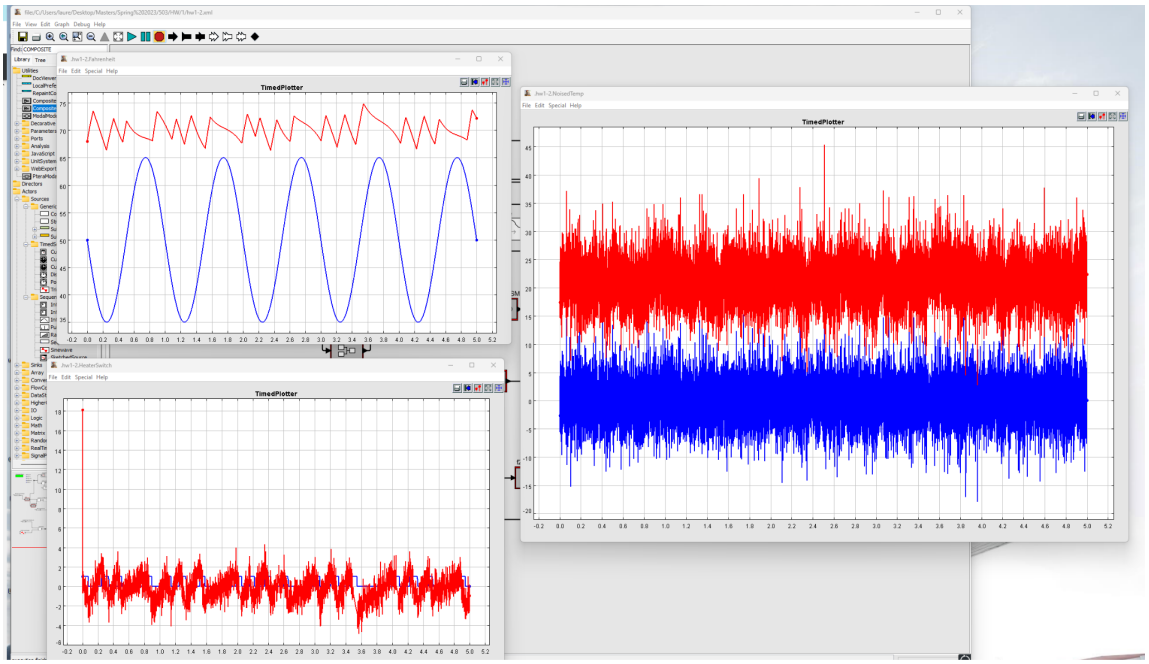
Simulation with 5 tap fir filtering



Simulation with CUSTOM 5 tap fir filtering:


SDF Director
SampleDelay
SampleDelay2
SampleDelay3
SampleDelay4
SampleDelay5
Scale2
Scale3
Scale4
Scale5
Scale6
Scale
AddSubtract2
AddSubtract3
AddSubtract4
AddSubtract5
AddSubtract
0.1666

W


TimedPlotter
TimedPlotter
TimedPlotter