

One tank neural network's working period test:

Adam epochs -> 500

L-BFGS iterations -> 1000

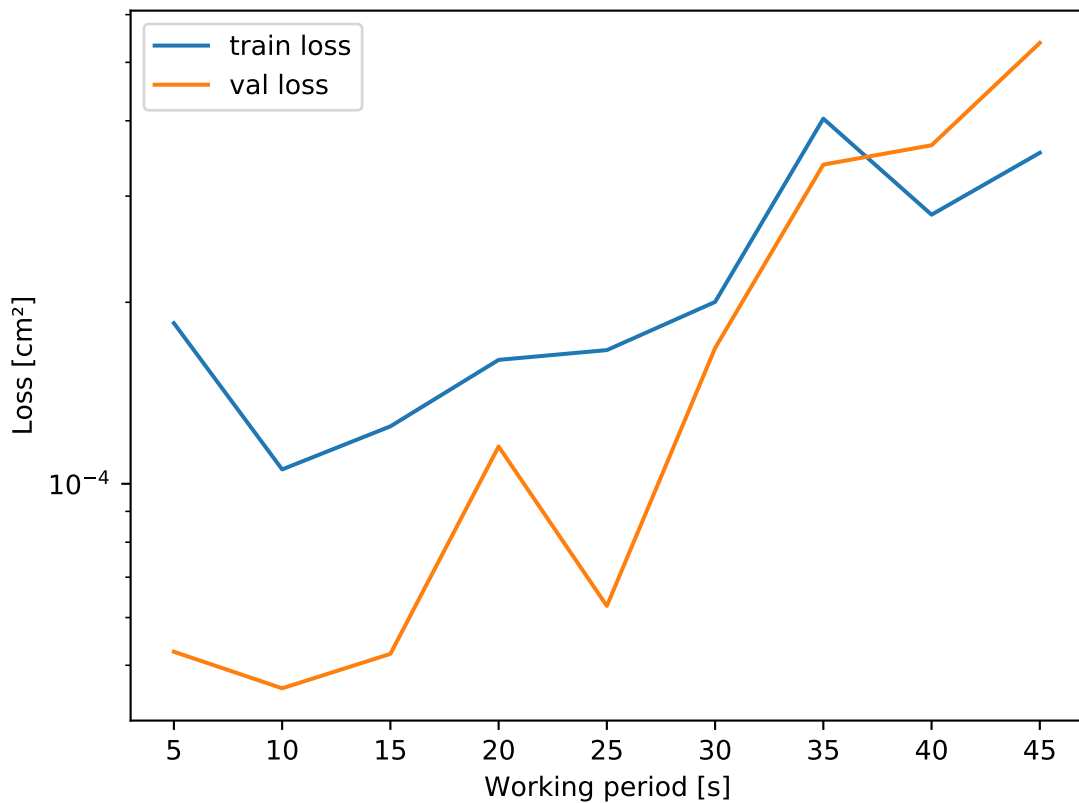
Train Nu -> 1e3

Train Nf -> 100e3

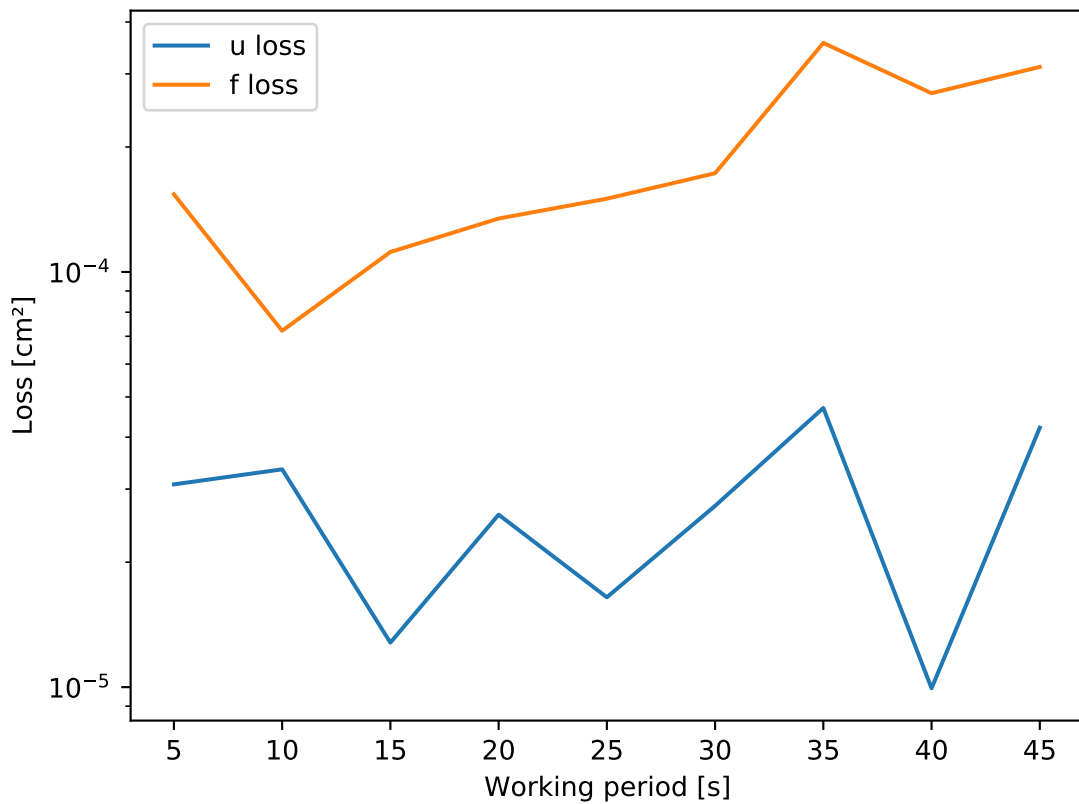
Validation points -> 10e3

Test points -> 900

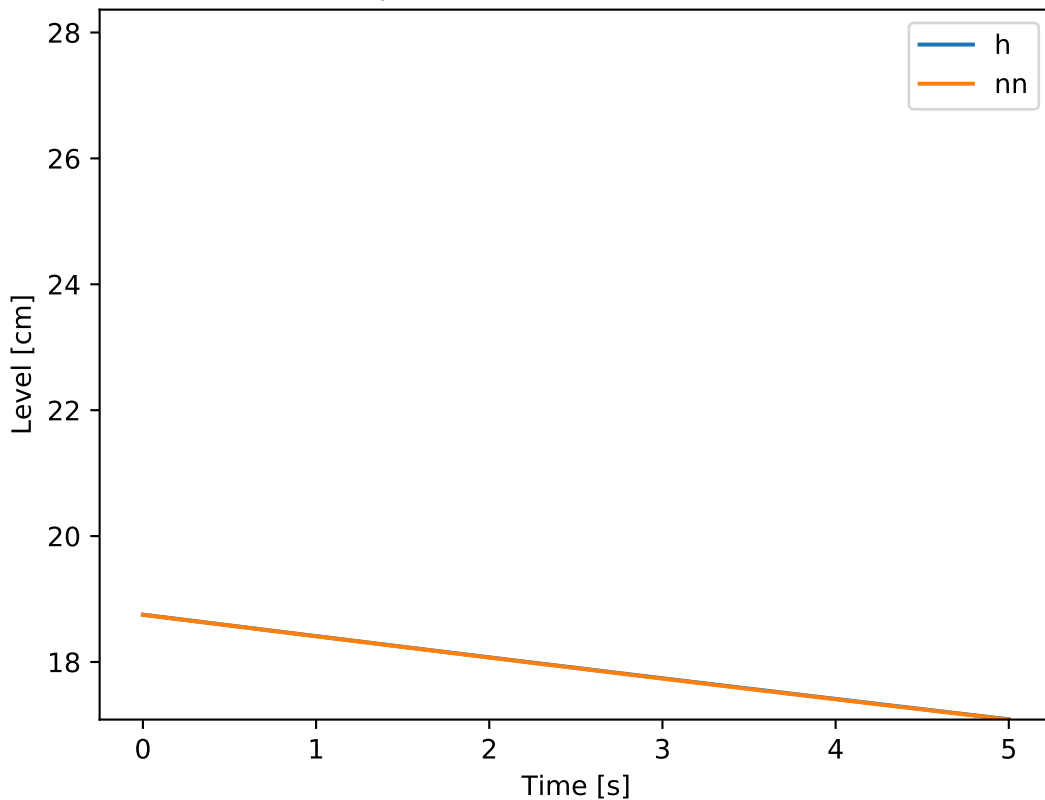
Train and validation total losses



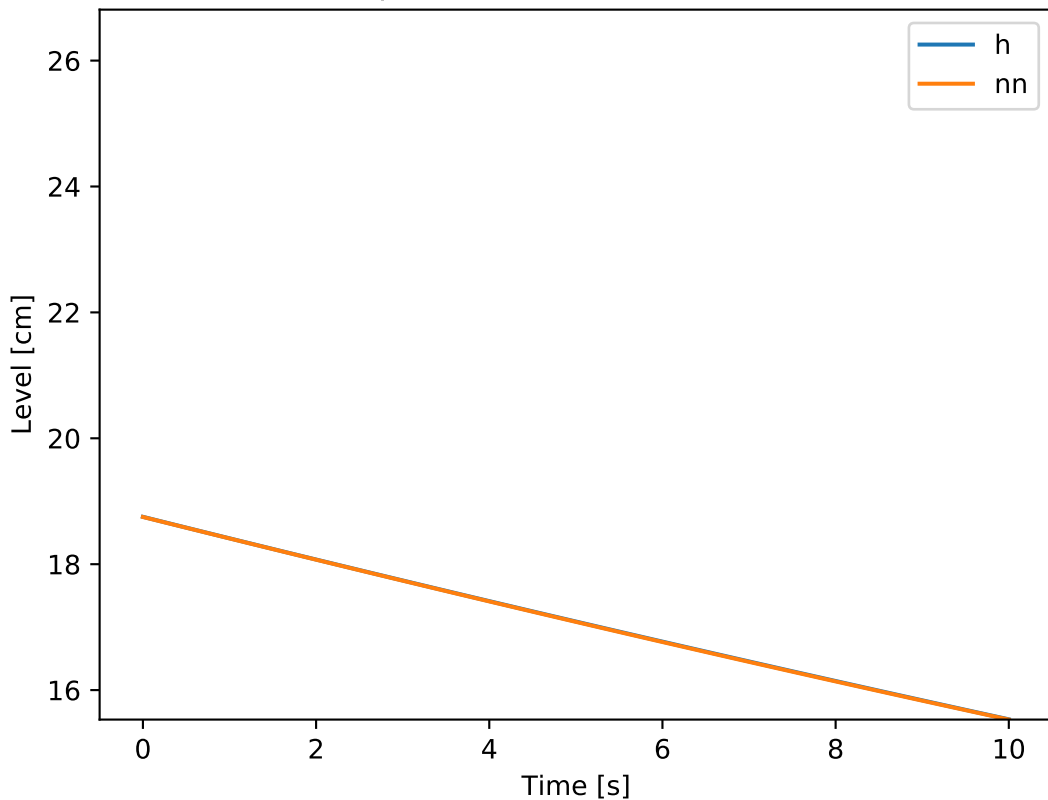
Train losses



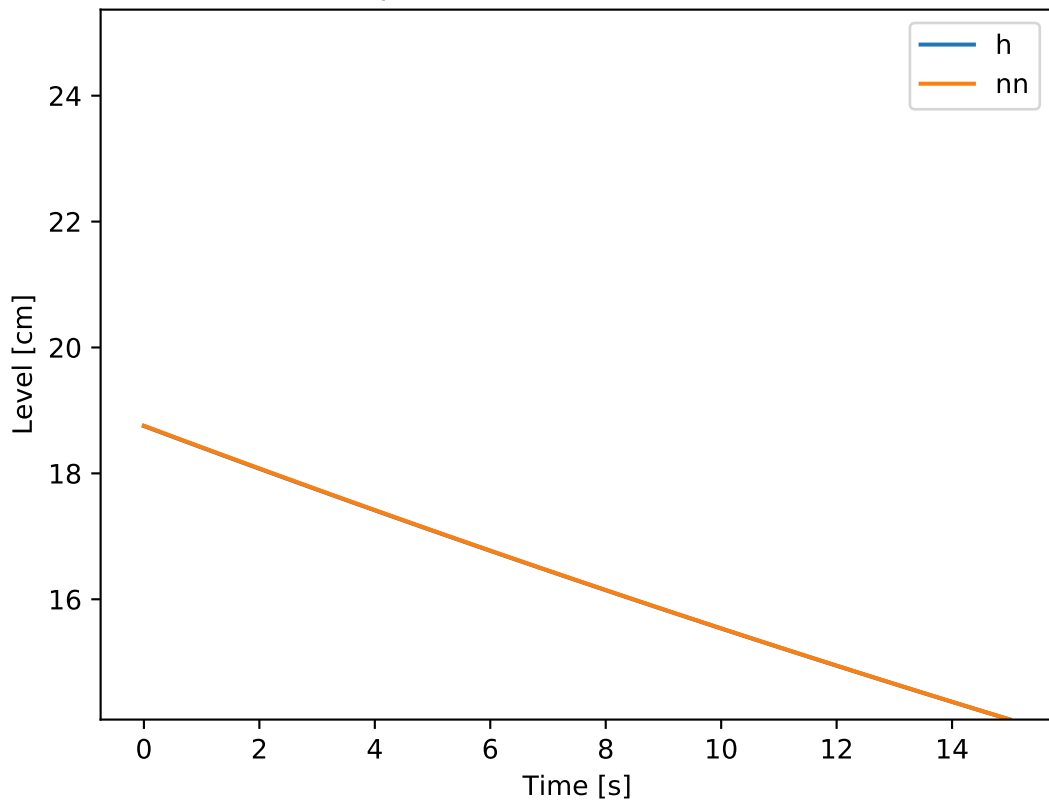
Control input $v = 1.273$ V. Plot MSE: 0.0 cm^2



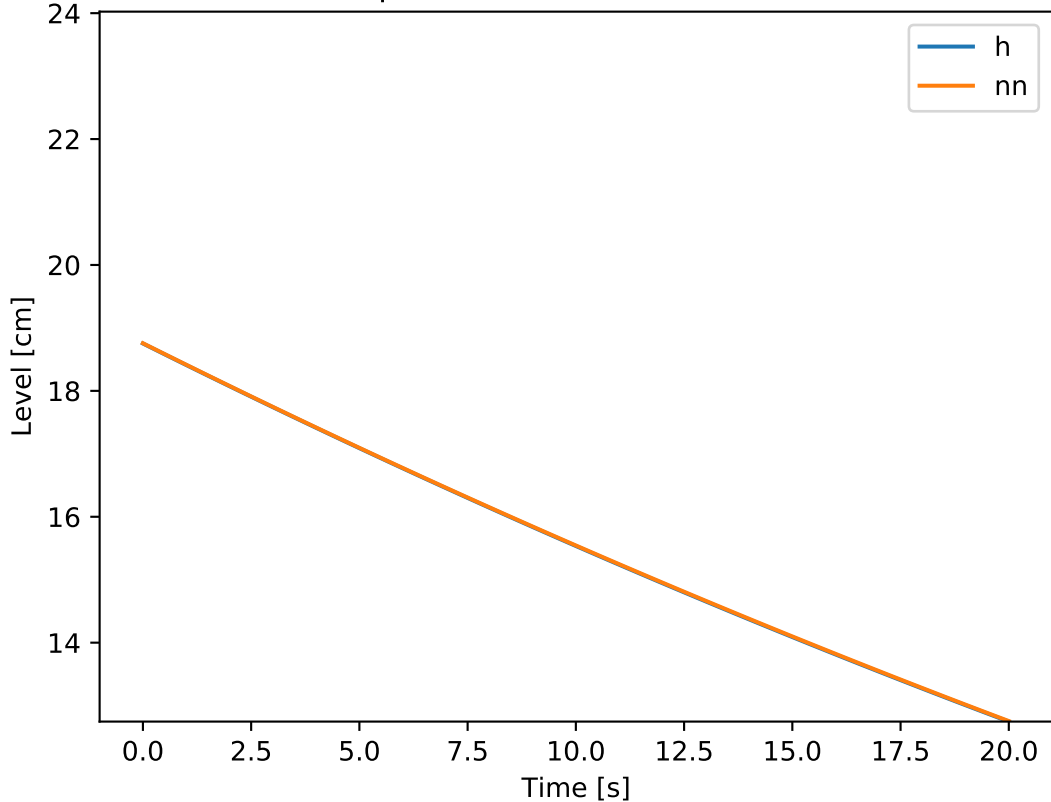
Control input $v = 1.273$ V. Plot MSE: 0.0 cm^2



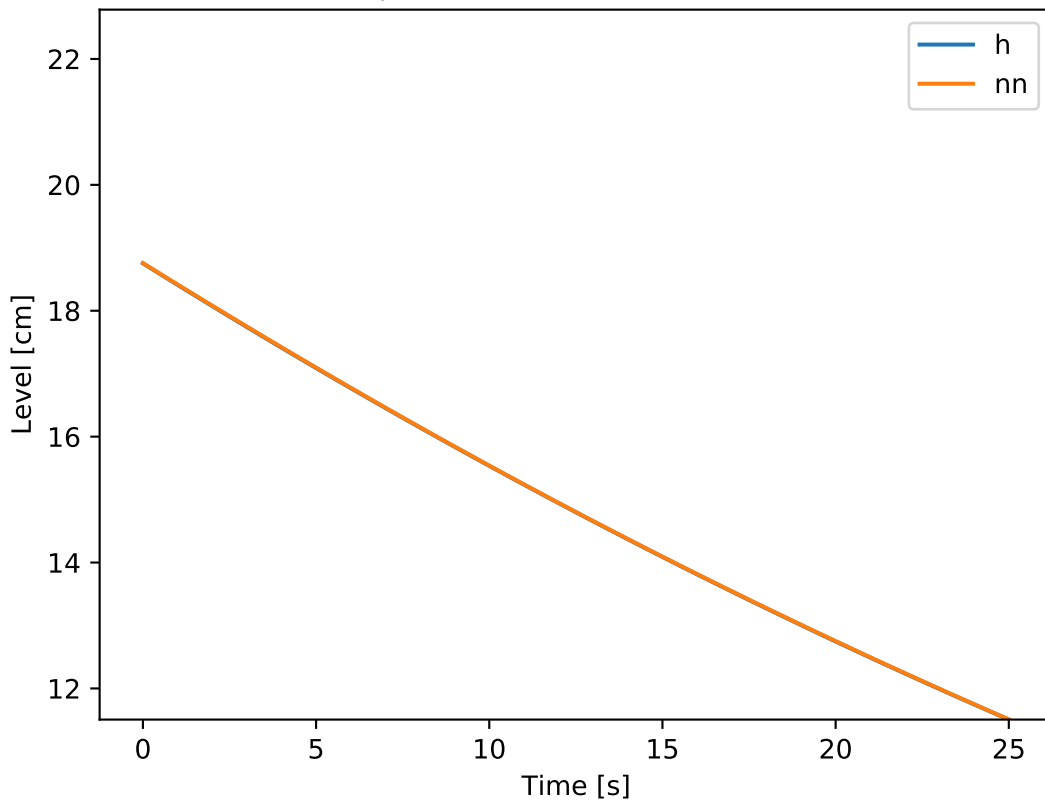
Control input $v = 1.273$ V. Plot MSE: 0.0 cm^2



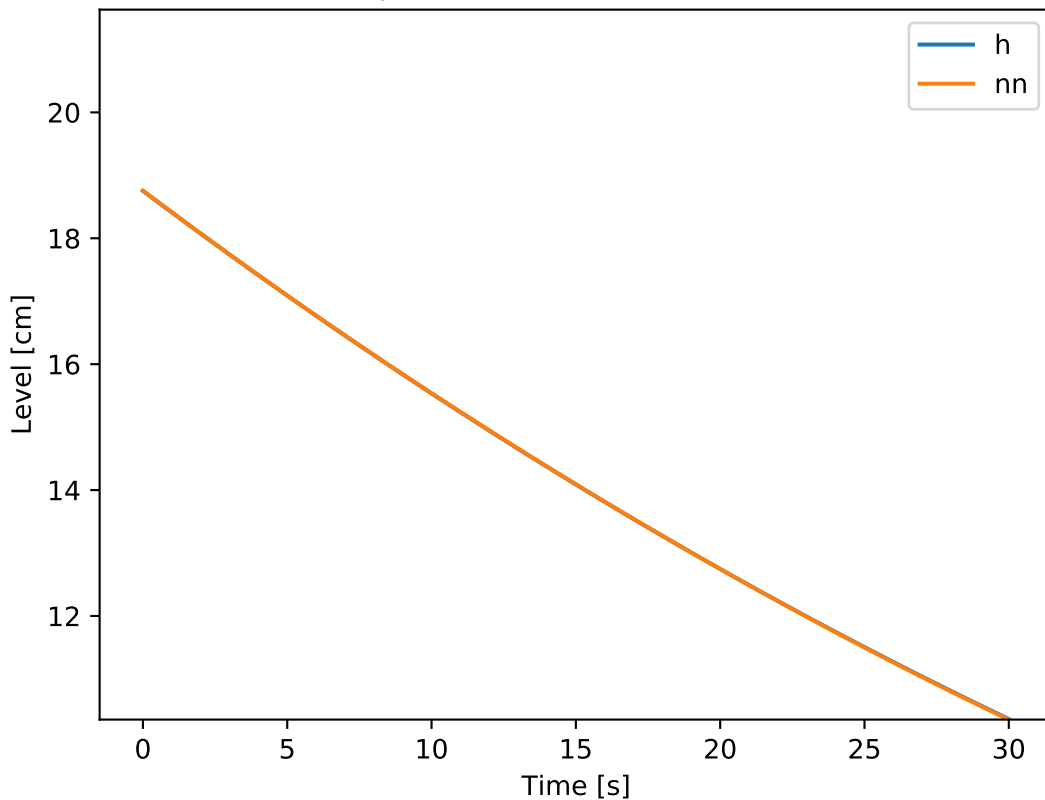
Control input $v = 1.273$ V. Plot MSE: 0.0 cm^2



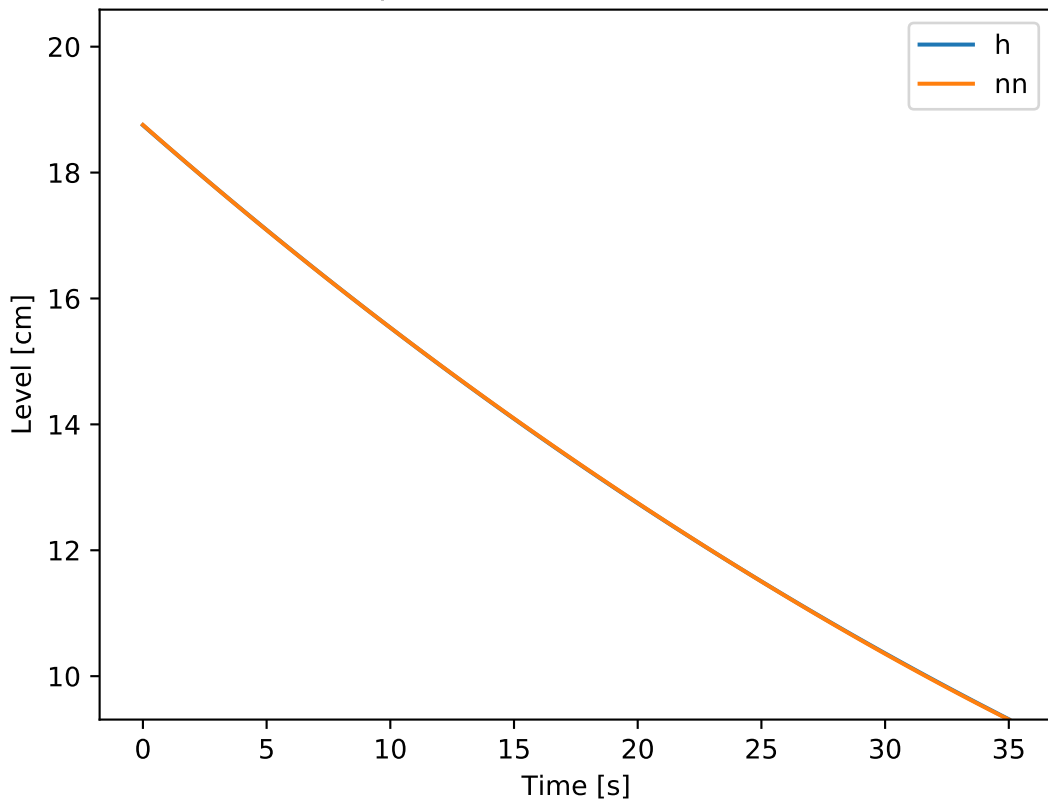
Control input $v = 1.273$ V. Plot MSE: 0.0 cm^2



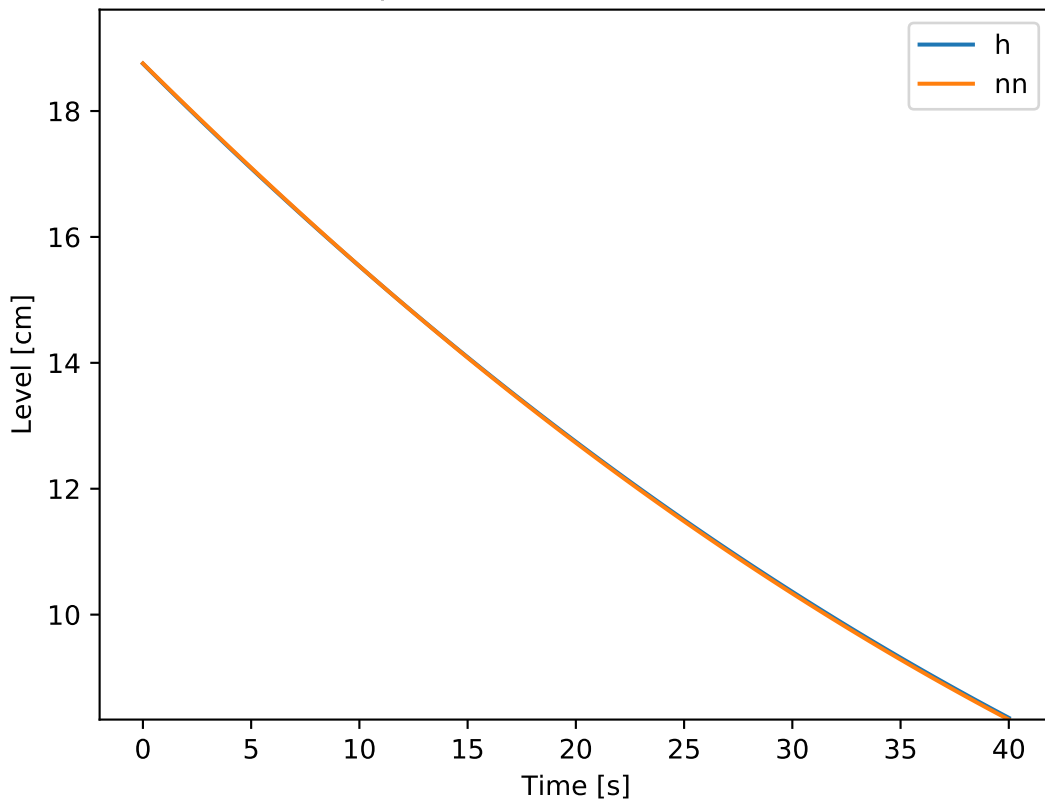
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