



- **Linear Regression (deg=13)**  
Test MSE = 0.101  
Test  $R^2$  = 0.988
  - **Neural Network (1L, 50N)**  
Test MSE = 0.096  
Test  $R^2$  = -431.099
  - **Neural Network (2L, 100N)**  
Test MSE = 0.002  
Test  $R^2$  = 0.961
- True function