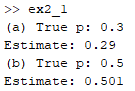
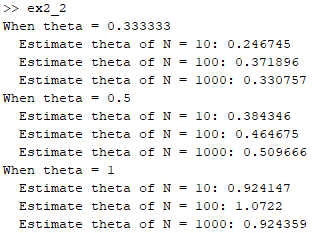
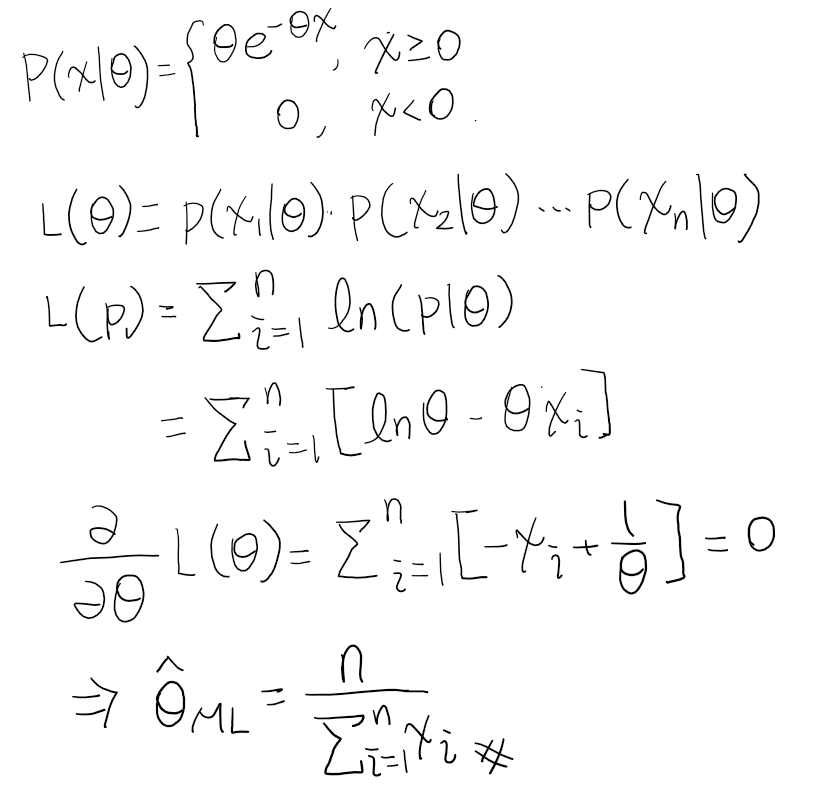
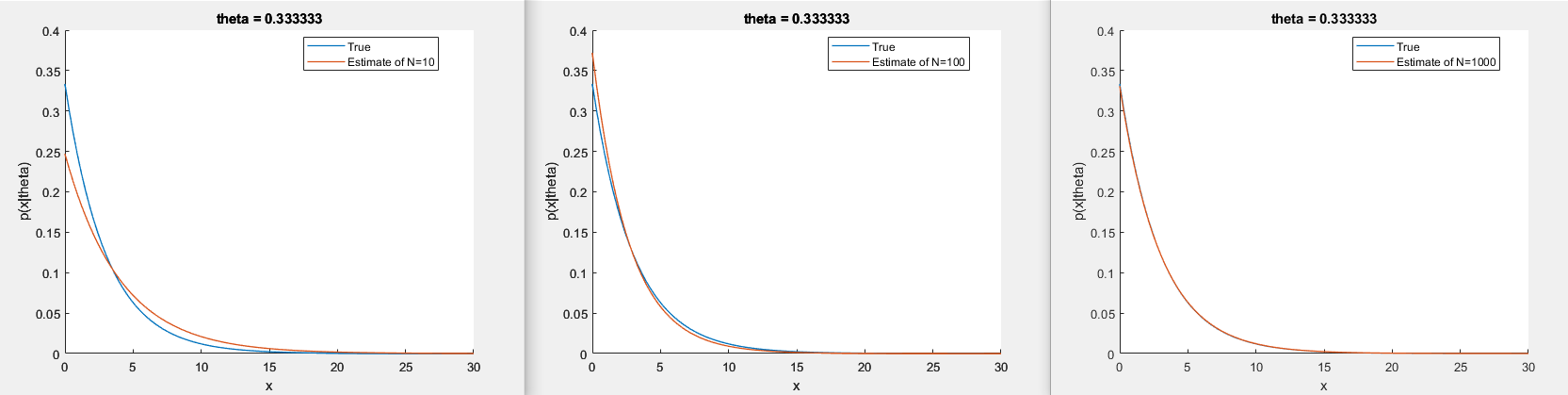
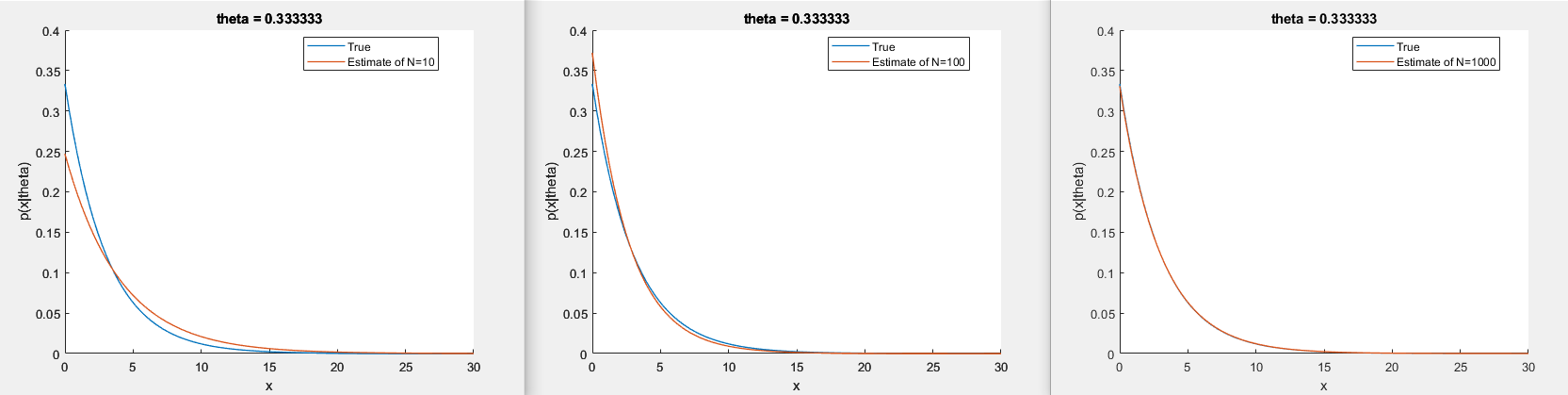
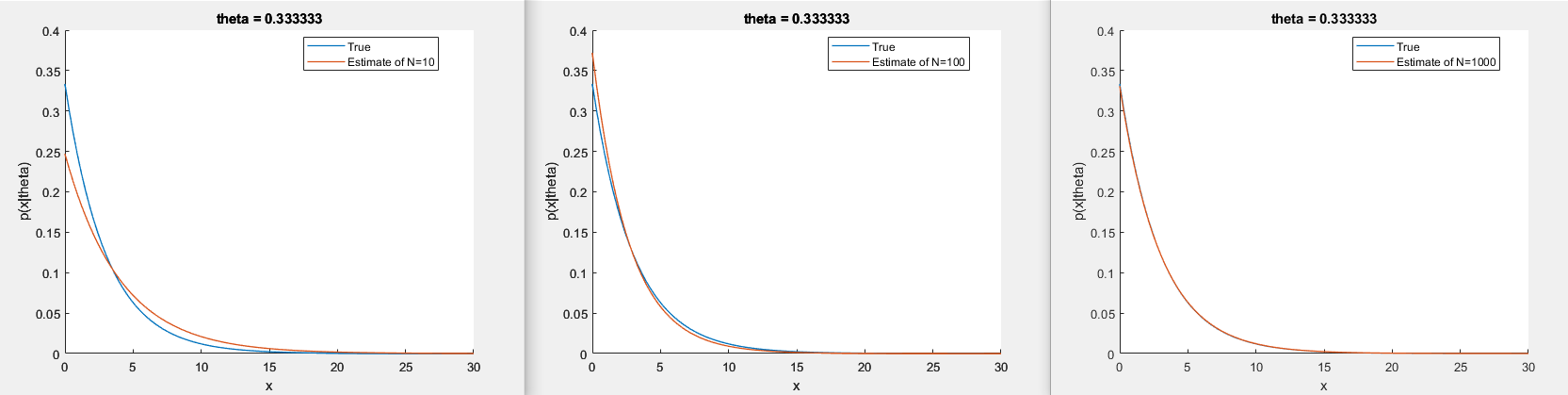
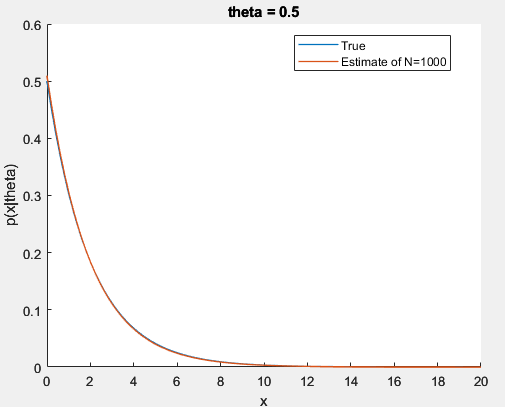
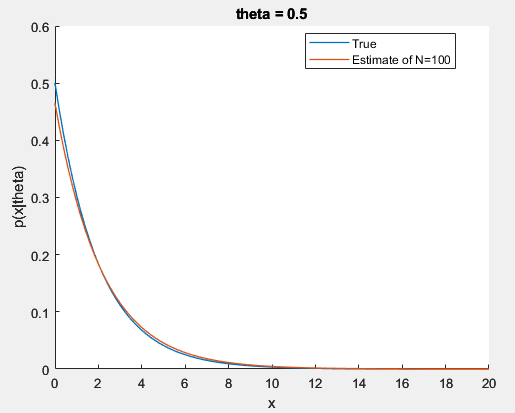
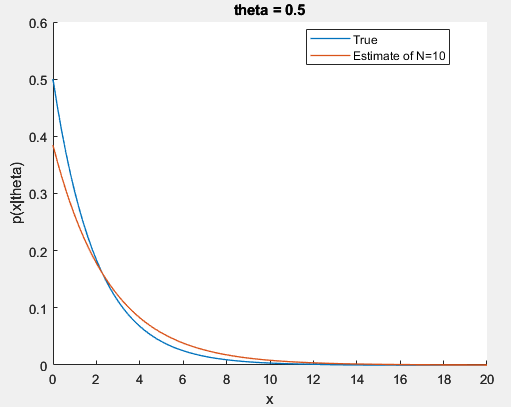
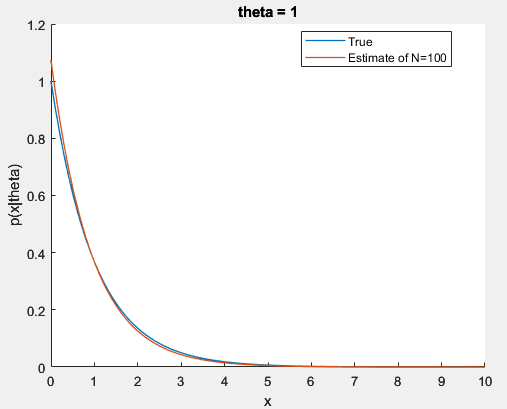
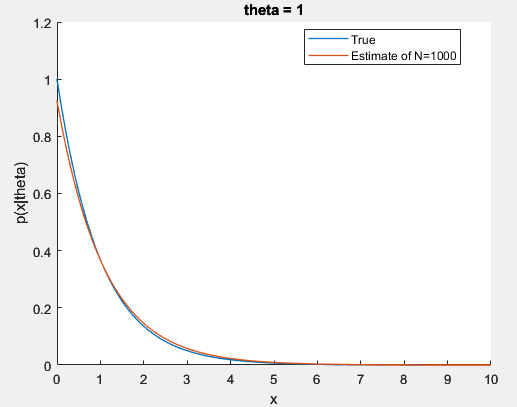
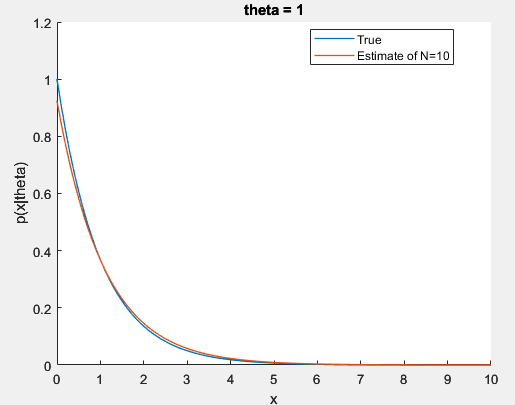
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Pattern Recognition ex2

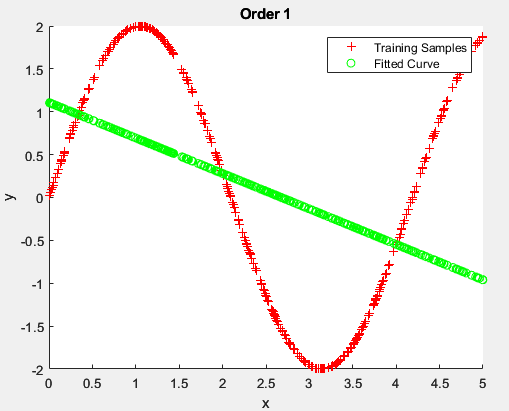
1. Bernoulli samples (Dataset generation was not truly like p)
2. Exponential Density
3. Derivation

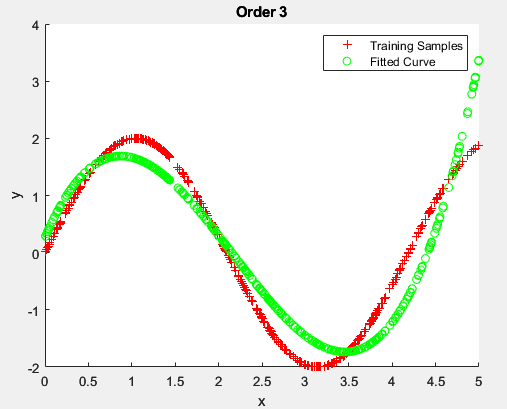
Theta = 1/3

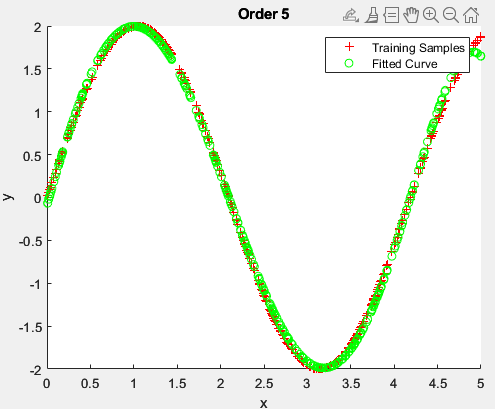
Theta = 1/2

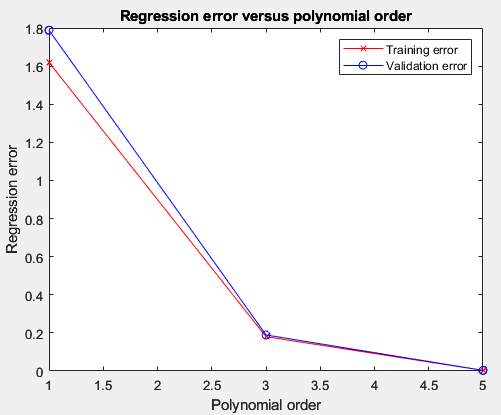
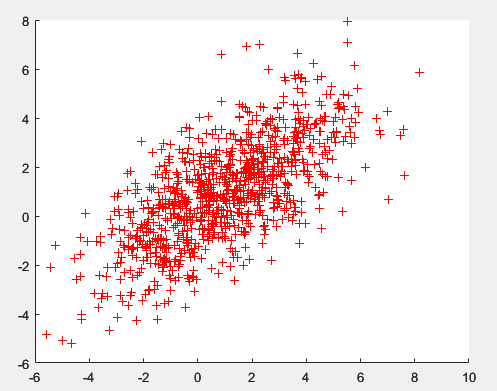
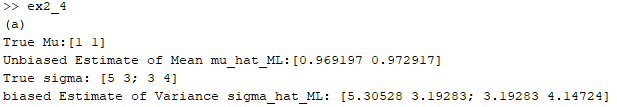
Theta = 1

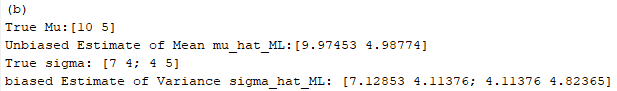
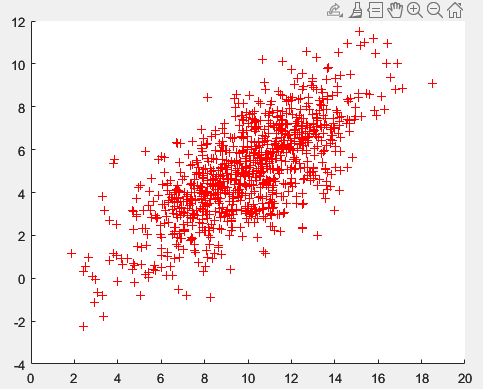
1. Polynomial Regression

k = 1:

k = 3:

k = 5:

1. Regression error vs. polynomial order
2. (a) dataset

(b) dataset