

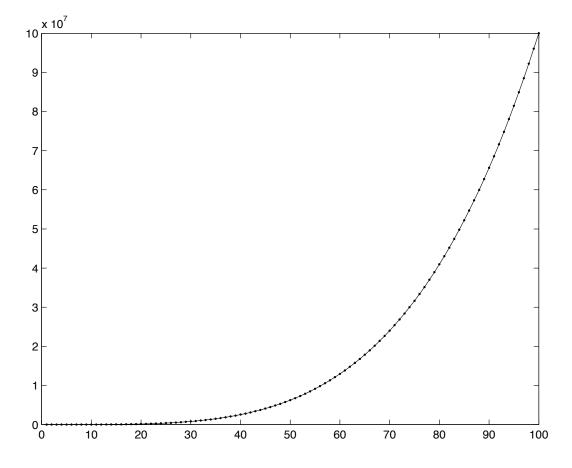


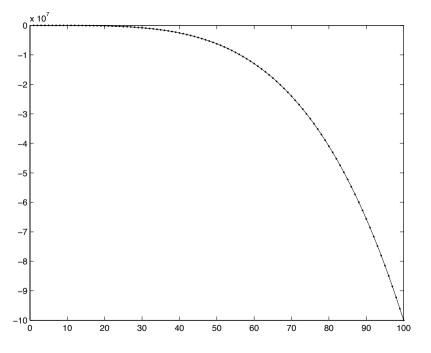
Radboud University Nijmegen

Return plot quiz



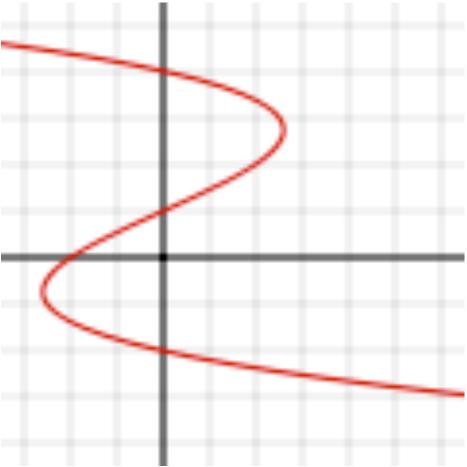
$$Y_{i+1} = a \cdot Y_i^3 + b \cdot Y_i^2 + \dots$$







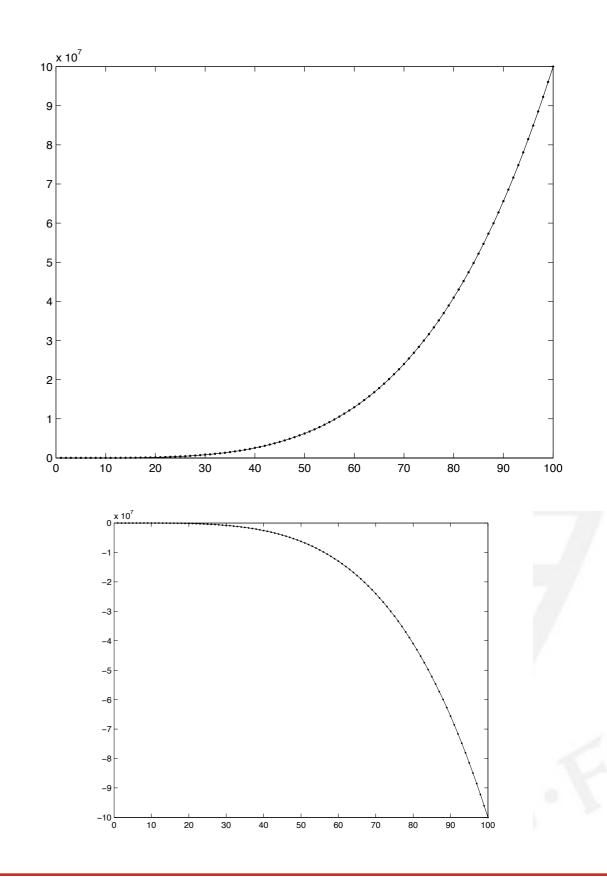
Remember this shape!



Return plot quiz

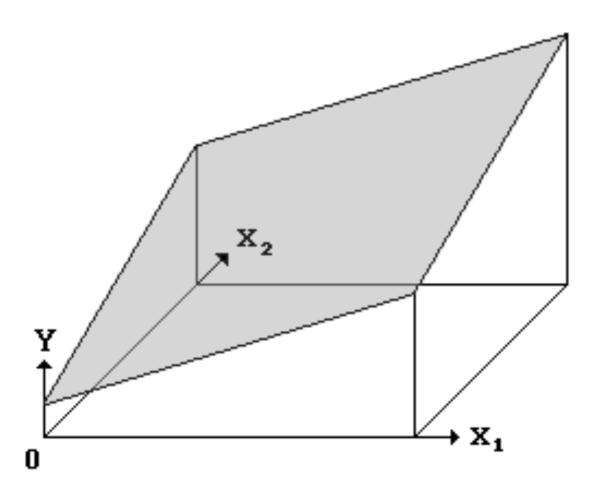
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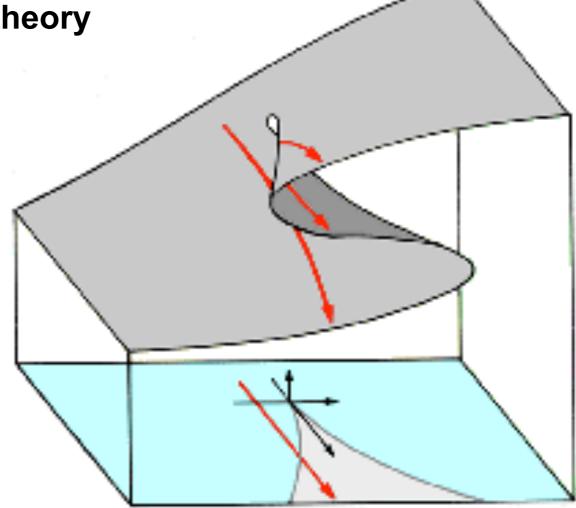


Linear vs. Dynamic models... fitting a response surface

same tools! same general model! different theory



$$Y = \beta_0 + \beta_1 X_1 + \beta_2 X_2$$



$$Y = \beta_0 + \beta_1 X_{control} + \beta_2 X_{bifur} * Y + \beta_3 Y^2 + \beta_4 Y^3$$

Y is entered as a predictor