

FIGURE 3.13
 Prototype
 Nonlinear
 Regression
 Patterns with
 Constant Error
 Variance and
 Simple Trans-
 formations
 of X .

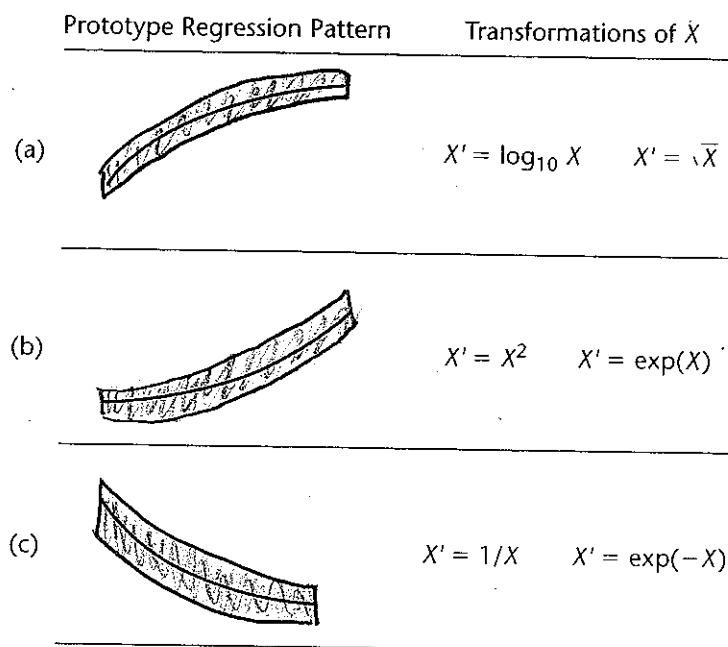
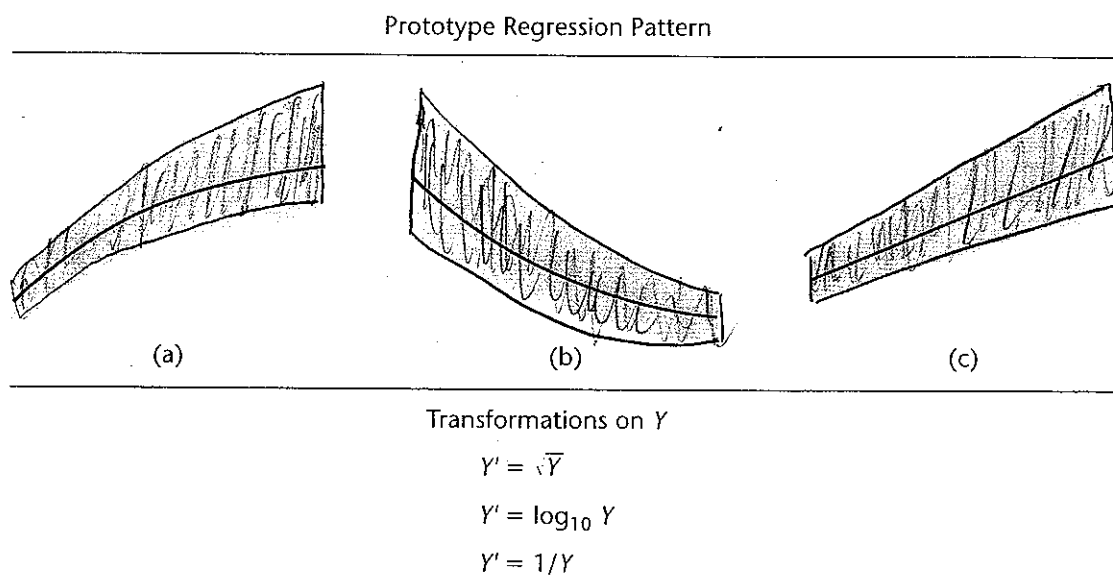


FIGURE 3.15
 Prototype
 Regression
 Patterns with
 Unequal Error
 Variances and
 Simple Trans-
 formations
 of Y .



Note: A simultaneous transformation on X may also be helpful or necessary.

Comment

At times, it may be helpful to introduce a constant into the transformation. For example, if some of the X data are near zero and the reciprocal transformation is desired, we can shift the origin by using the transformation $X' = 1/(X + k)$, where k is an appropriately chosen constant. ■