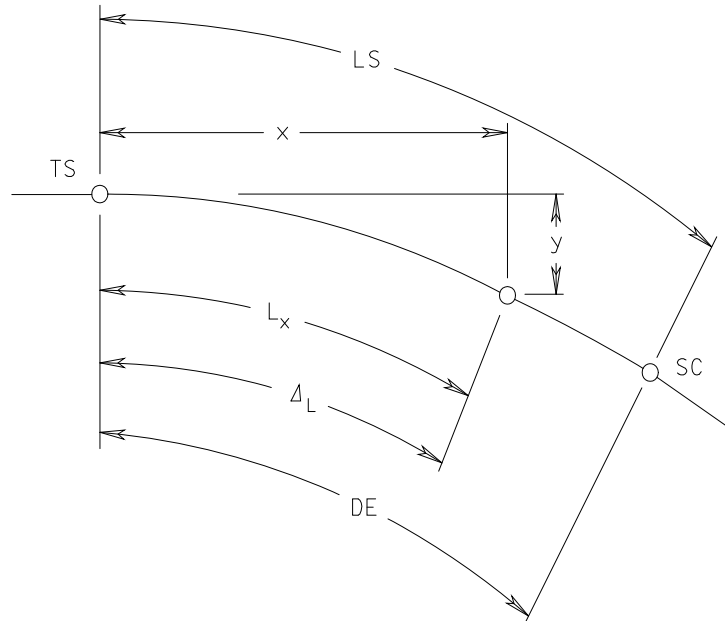


**TO FIND COORDINATES OF ANY POINT ON THE SPIRAL  
A DISTANCE  $L_x$  FROM THE TS**



$$DE = (28.6479 \times LS) \div R = (90 \times LS) \div (\pi \times R)$$

$$\Delta_L = (L_x \div LS)^2 \times DE$$

$$Z_L = 0.01745 \times \Delta_L$$

$$x = L_x \times [1 - (Z_L^2 \div 10) + (Z_L^4 \div 216)]$$

$$y = L_x \times [(Z_L \div 3) - (Z_L^3 \div 42) + (Z_L^5 \div 1320)]$$

**FIGURE C-7-2 COORDINATE POINTS ON THE SPIRAL\***

---

\* Rev. 7/12