X

S

**X** = **Interior points of S** + **Boundary points of S** + **Exterior points of S**

**Isolated points of S** ( **S**)

=

+

**Limit points of S**

=

+

**Interior points of S** ( **S**) = **Interior Limit points of S** + **Interior Isolated points of S**

**Boundary points of S** = **Boundary Limit points of S** + **Boundary Isolated points of S**

**Closure of S** = **S** + **(Boundary/) Limit points of S** = **Adherent points of S**