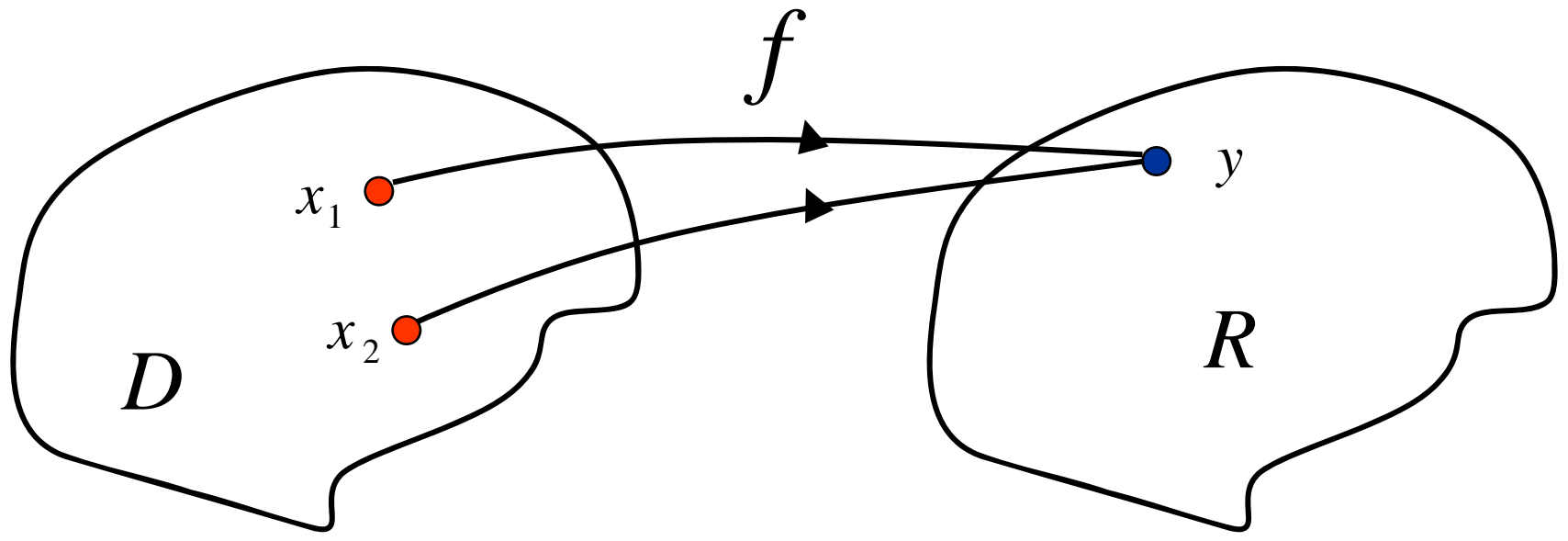
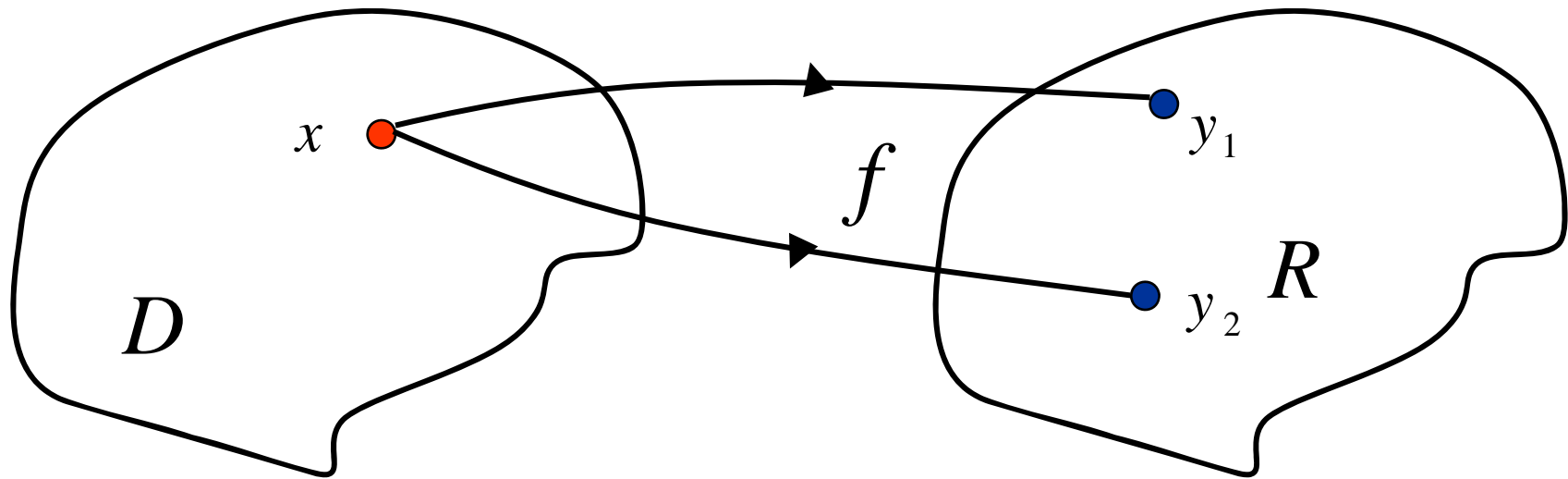


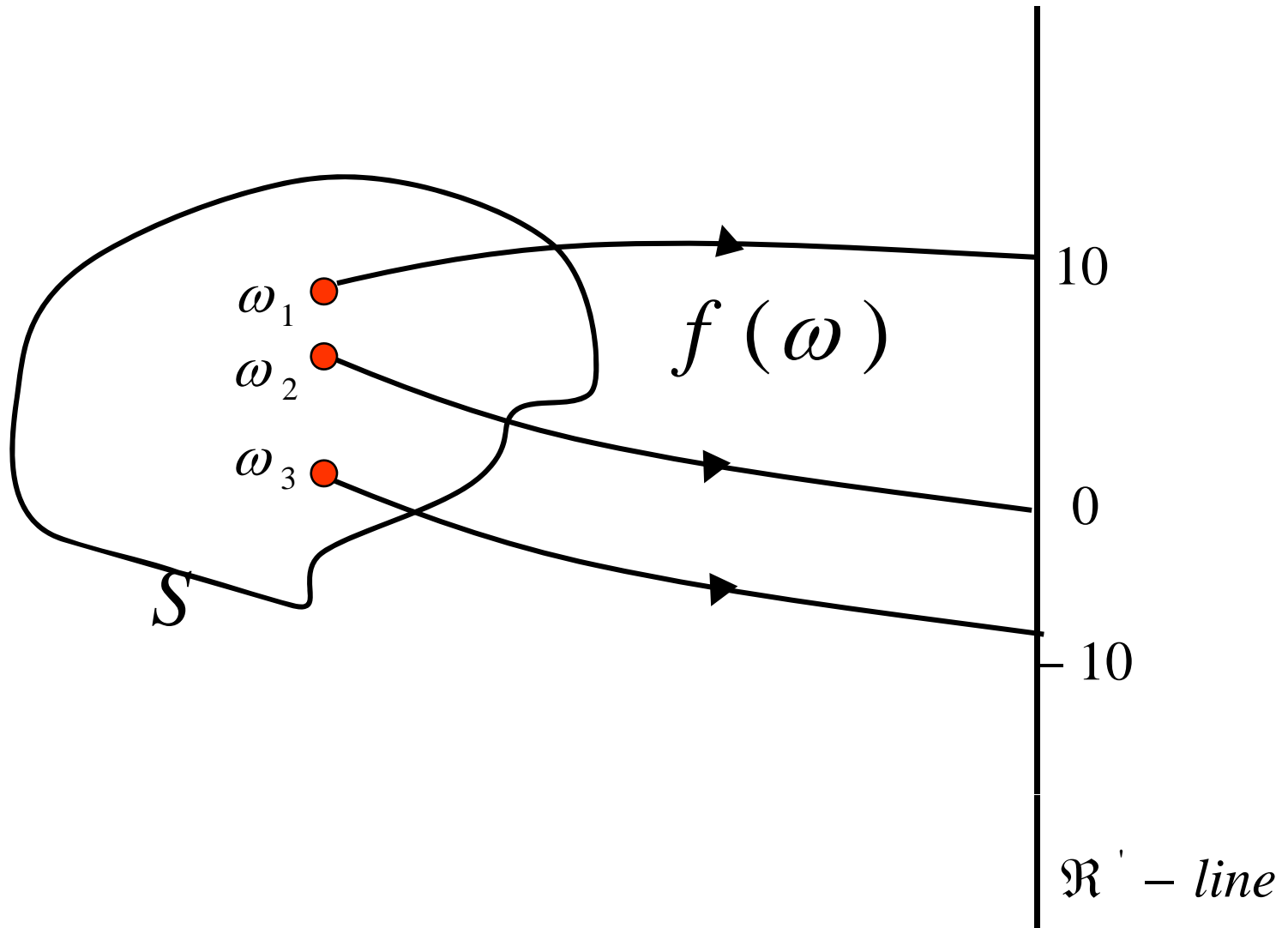
**Figure 3.1**



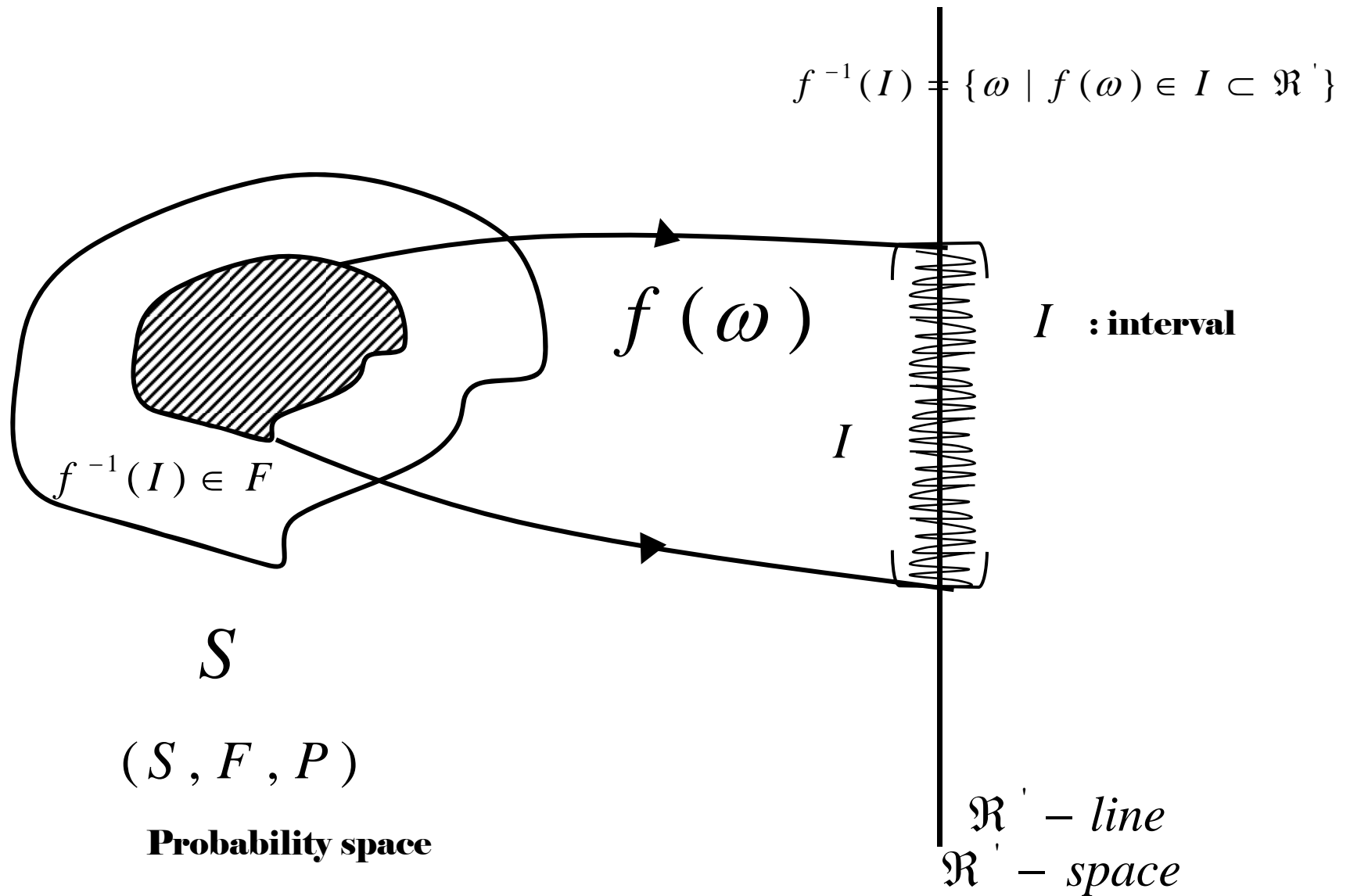
**Figure 3.2**



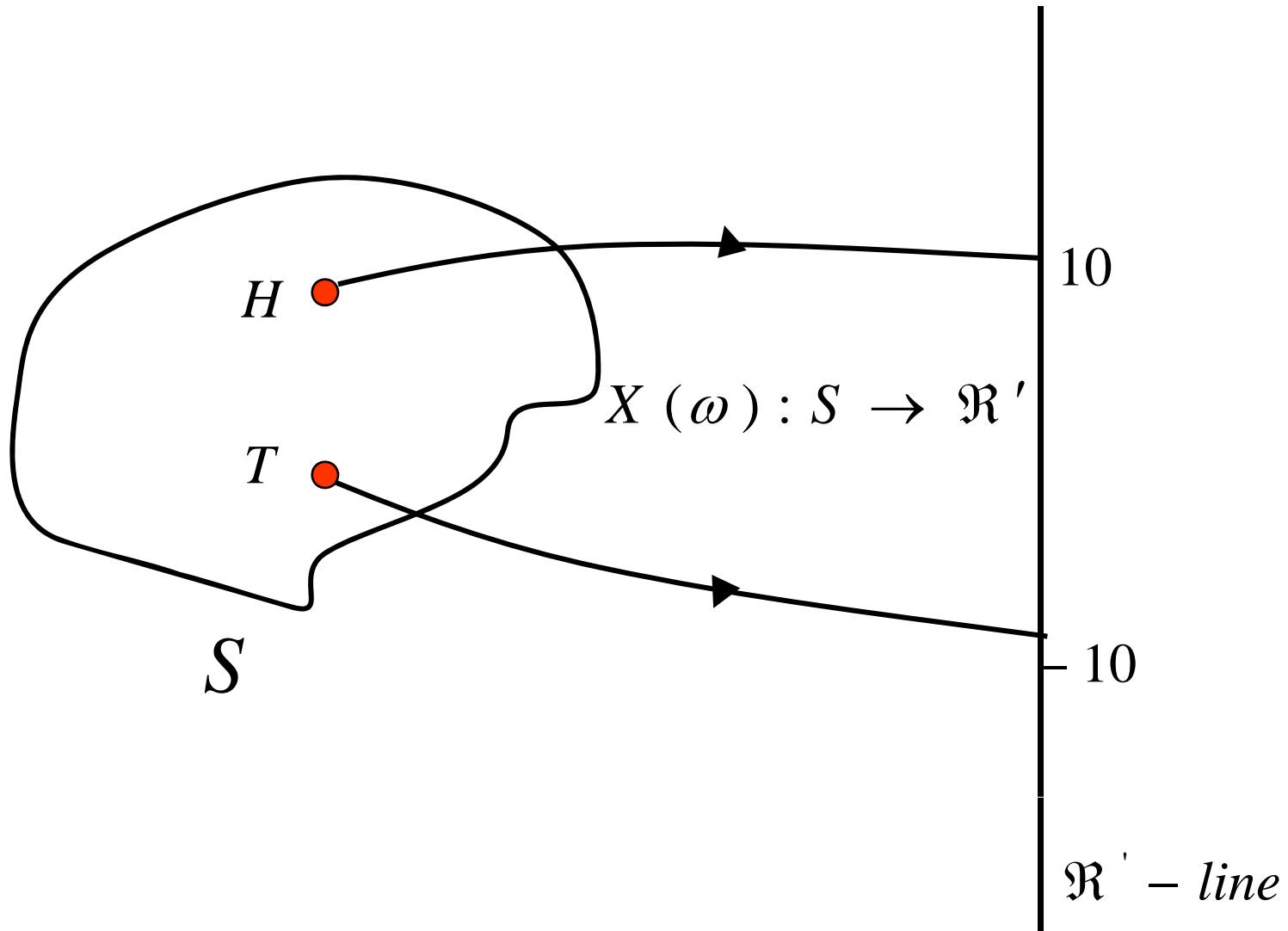
**Figure 3.3**



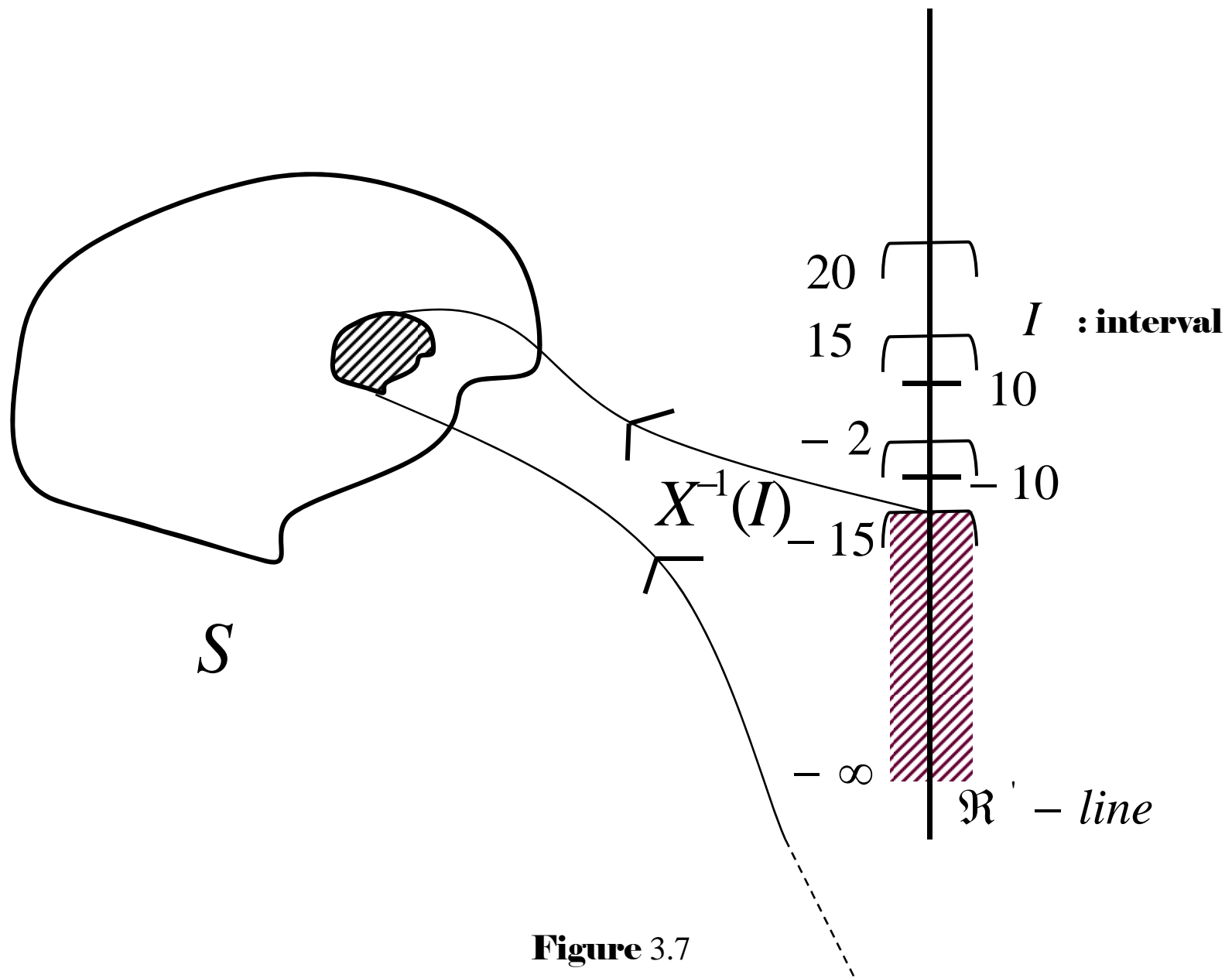
**Figure 3.4**



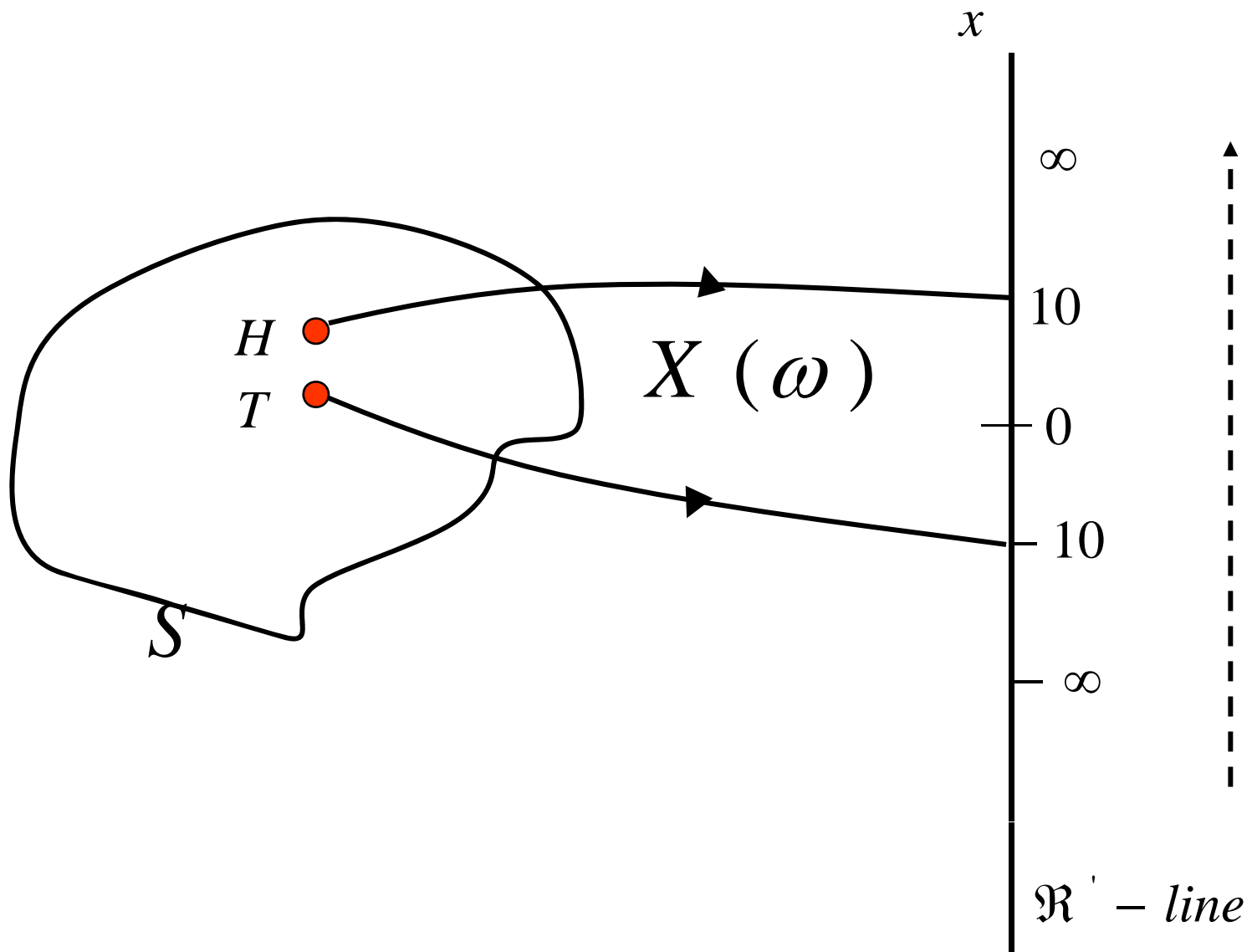
**Figure 3.5**



**Figure 3.6**

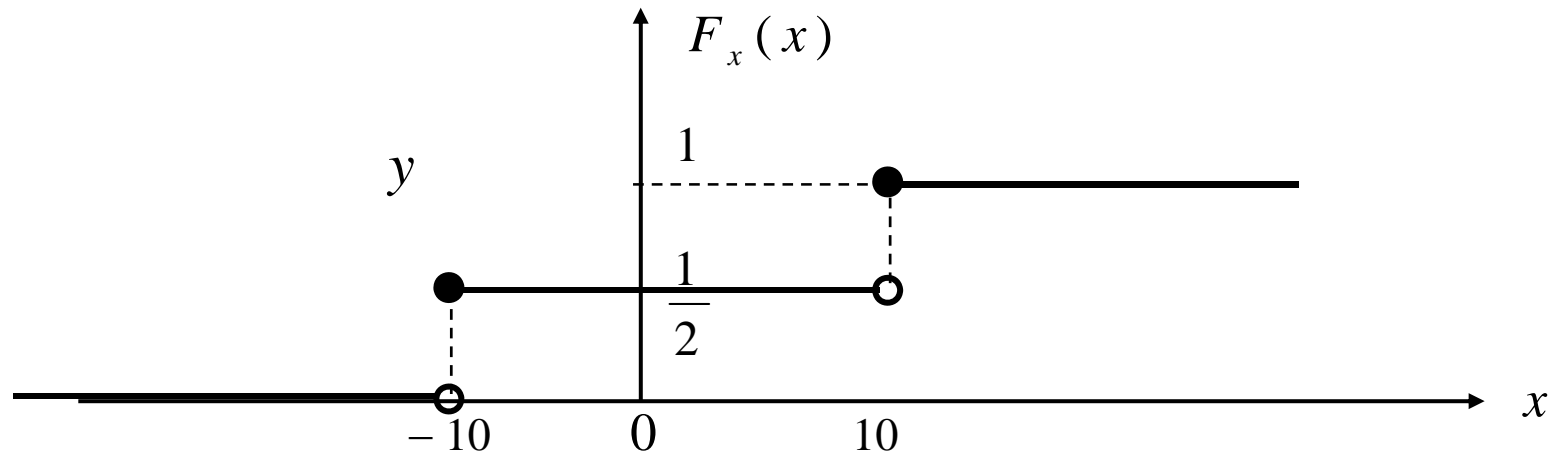


**Figure 3.7**

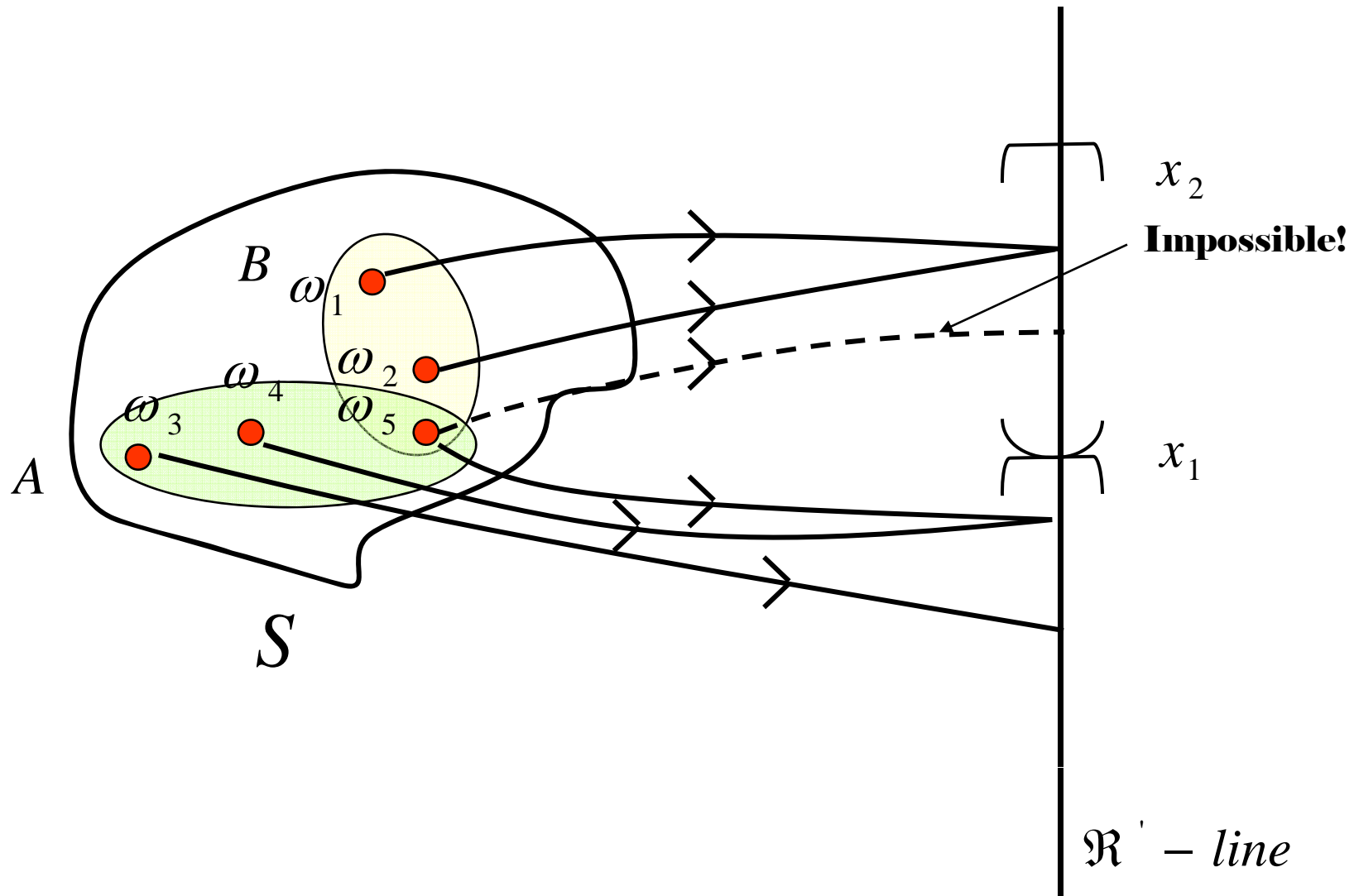


**Figure 3.8**

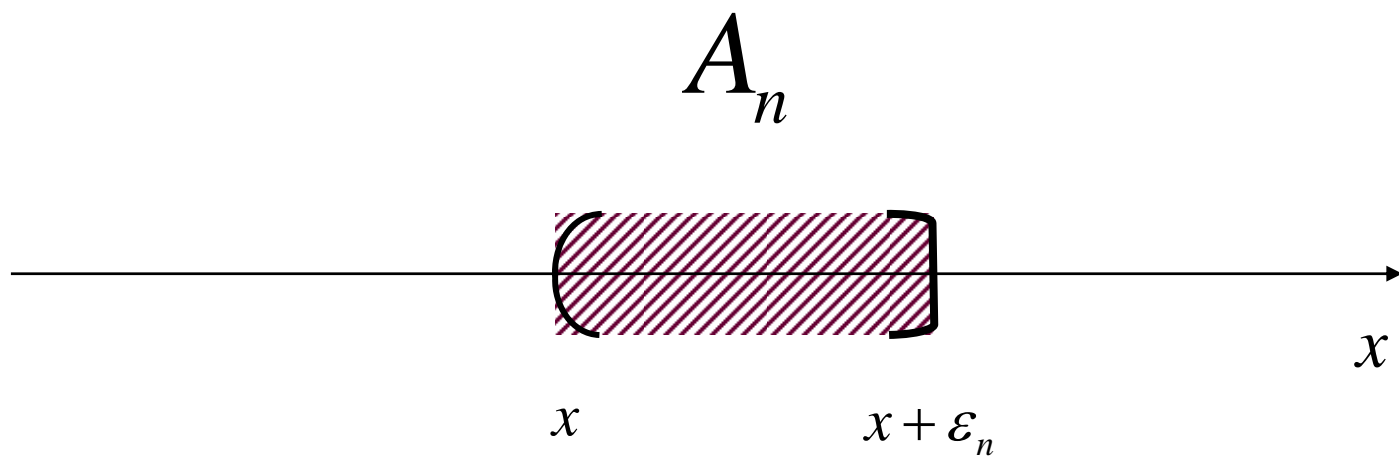




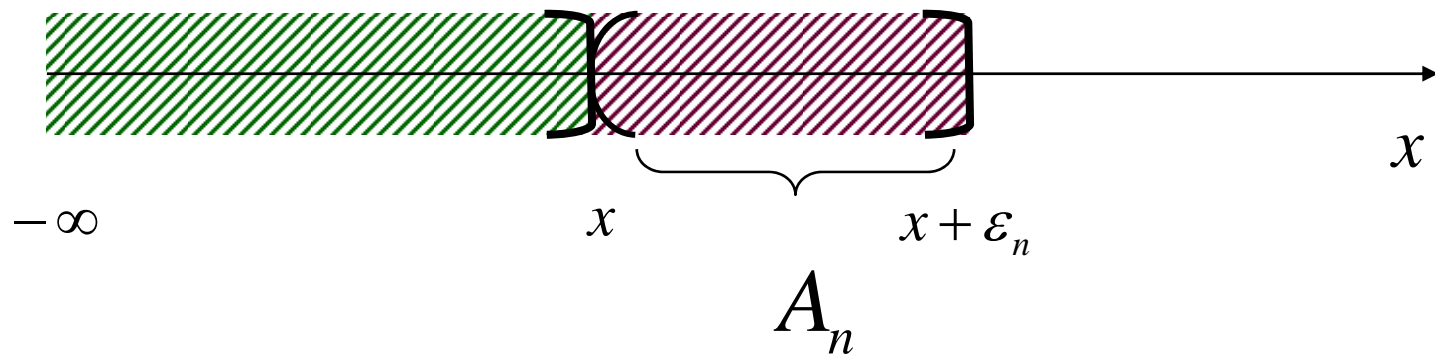
**Figure 3.9**



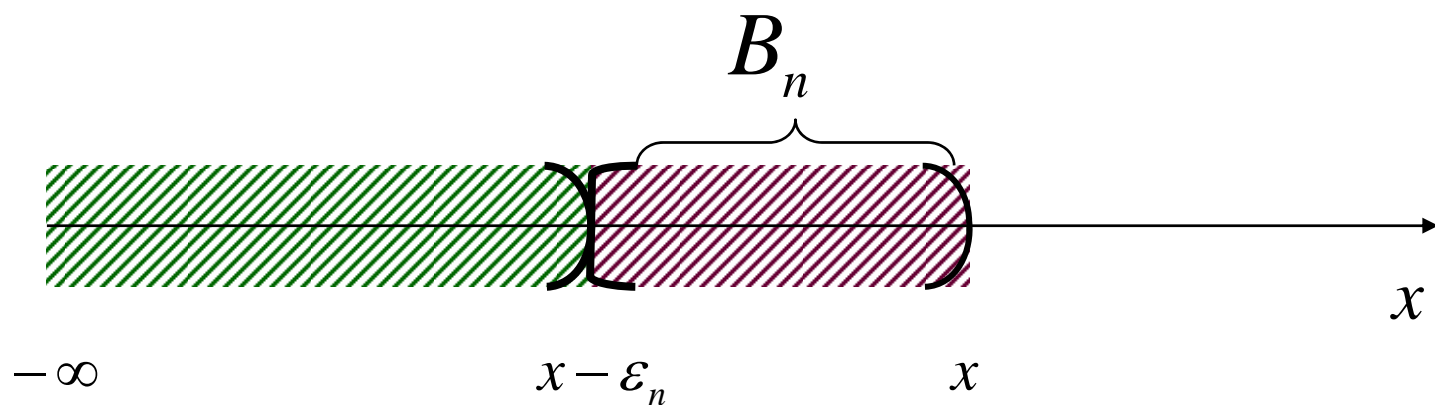
**Figure 3.10**



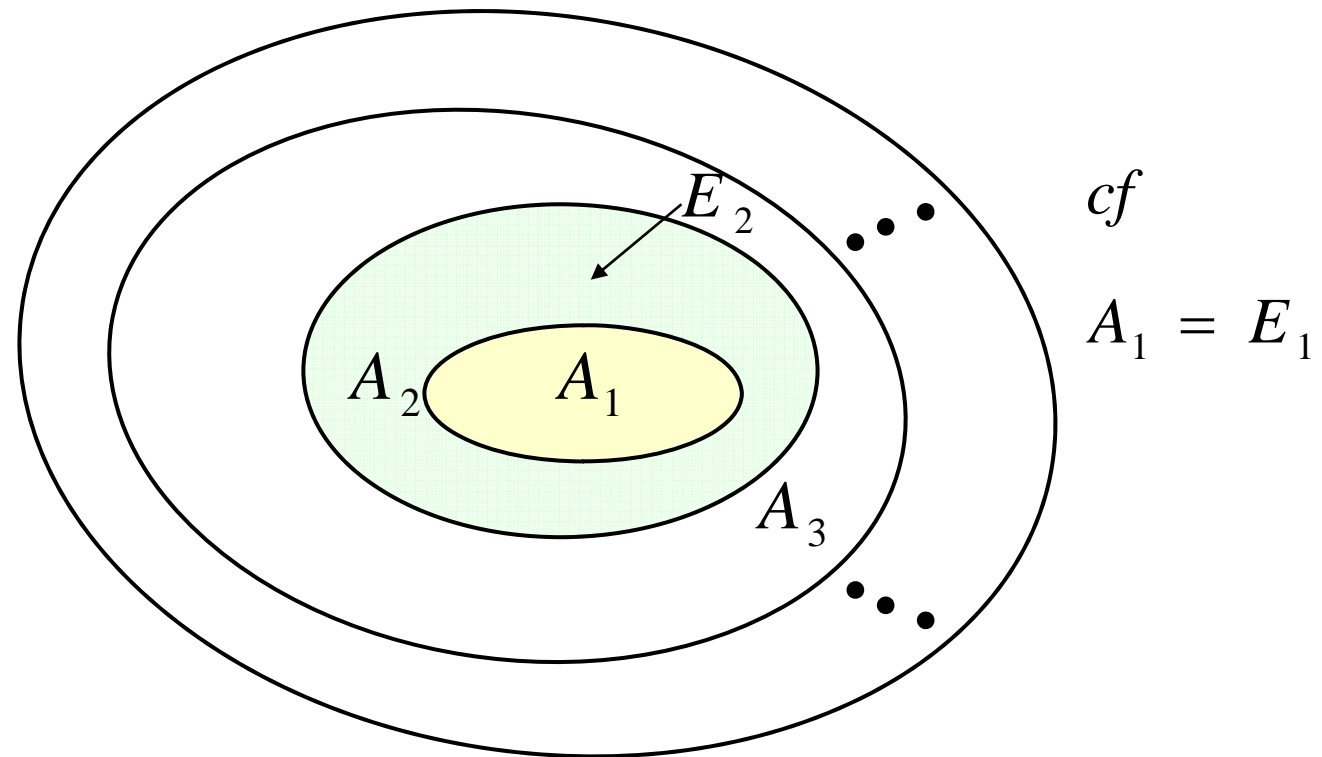
**Figure 3.11**



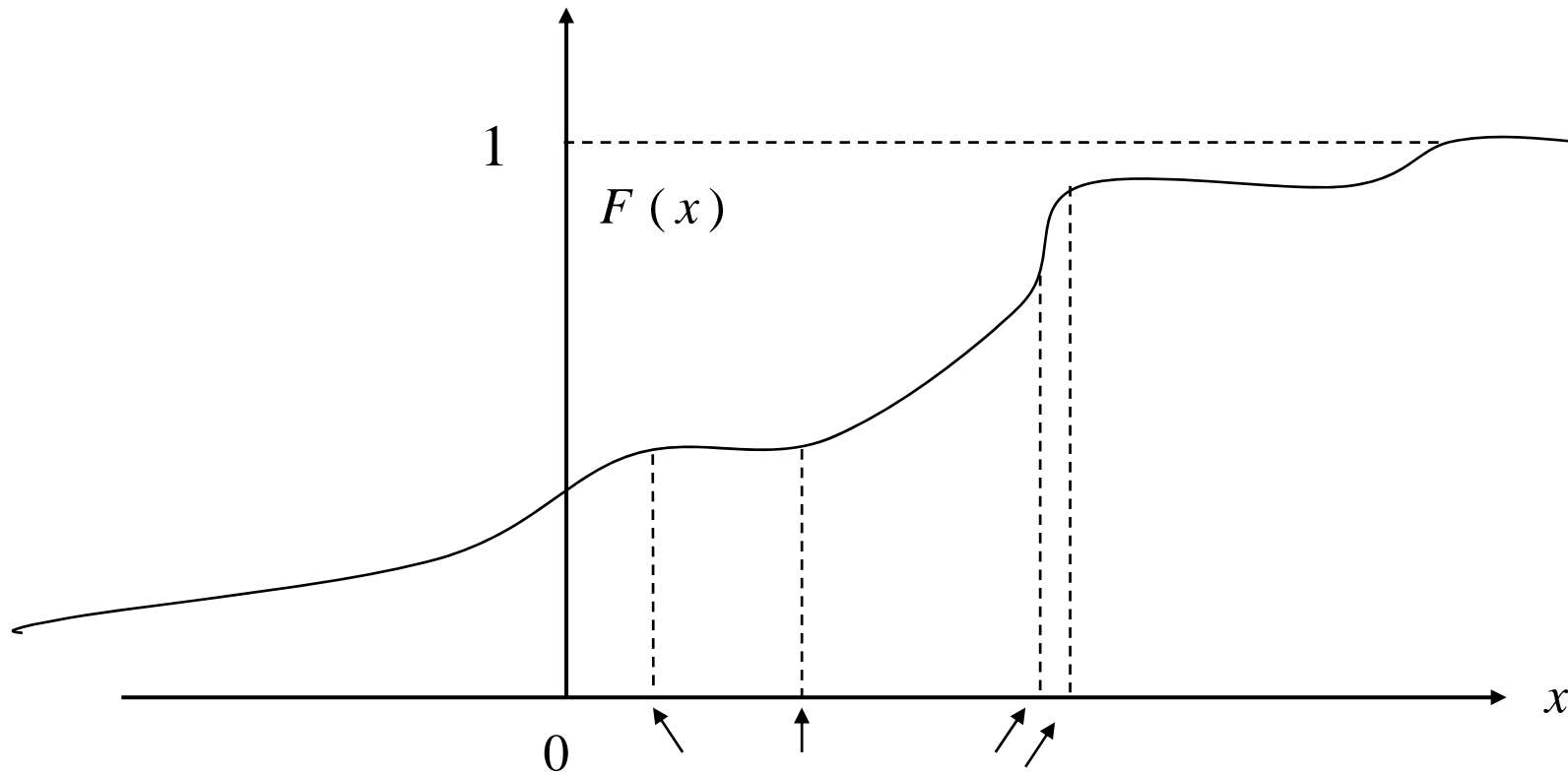
**Figure 3.12**



**Figure 3.13**



**Figure 3.14**

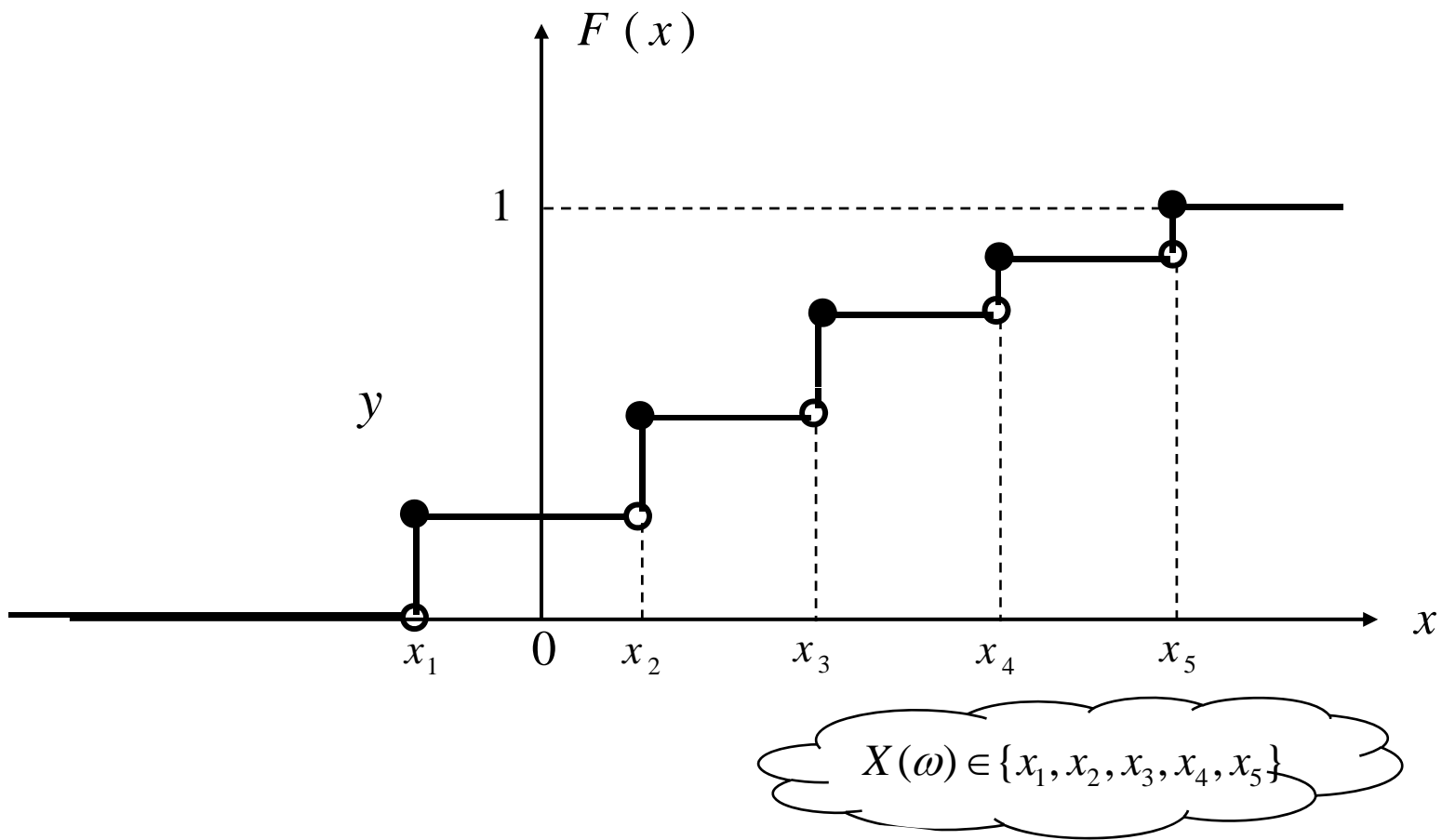


**Non-differentiable points**

$\bullet\bullet \leftarrow$ 
**All possible values for  $X(\omega)$  ,i.e.**

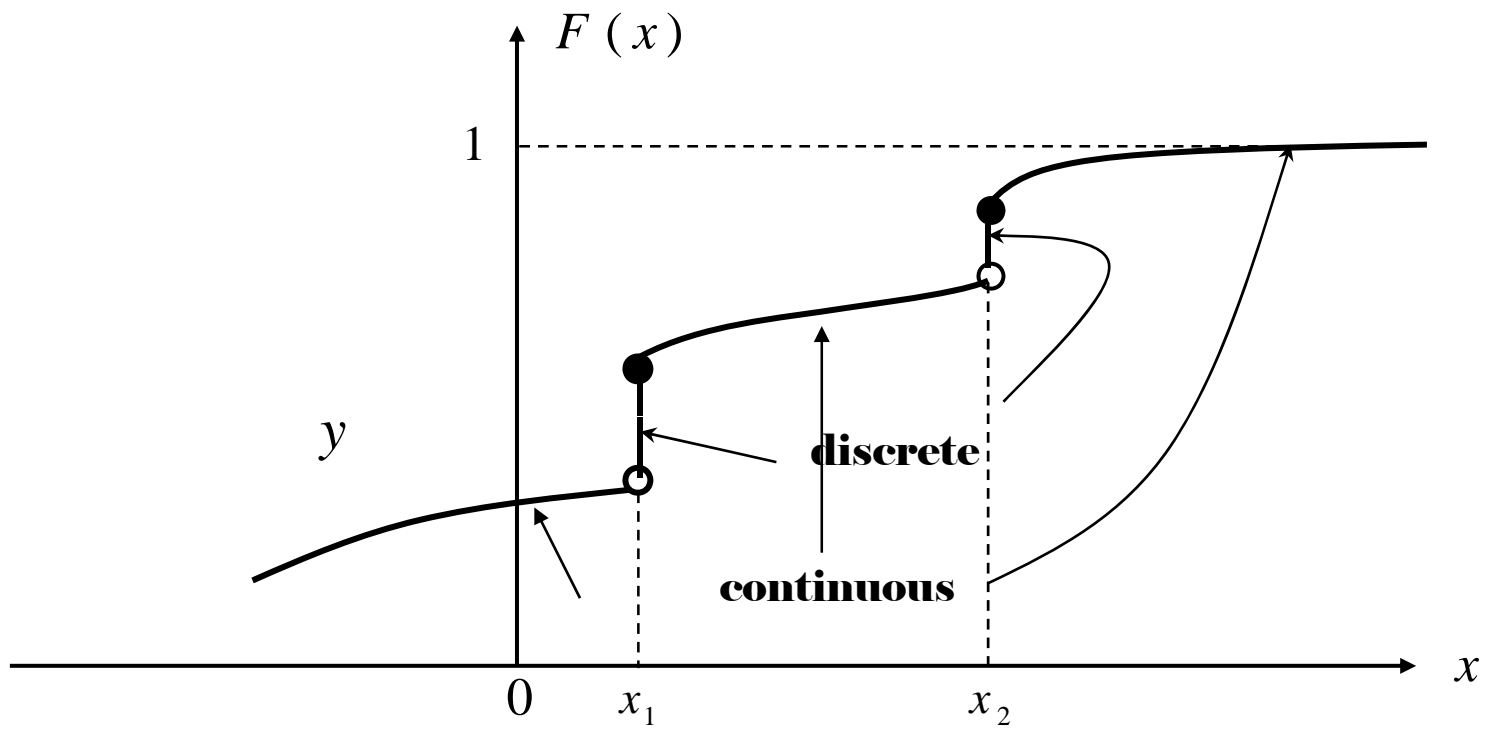
 $X(\omega) \in \mathbb{R}'$ 
 $\rightarrow \bullet\bullet$

**Figure 3.15**

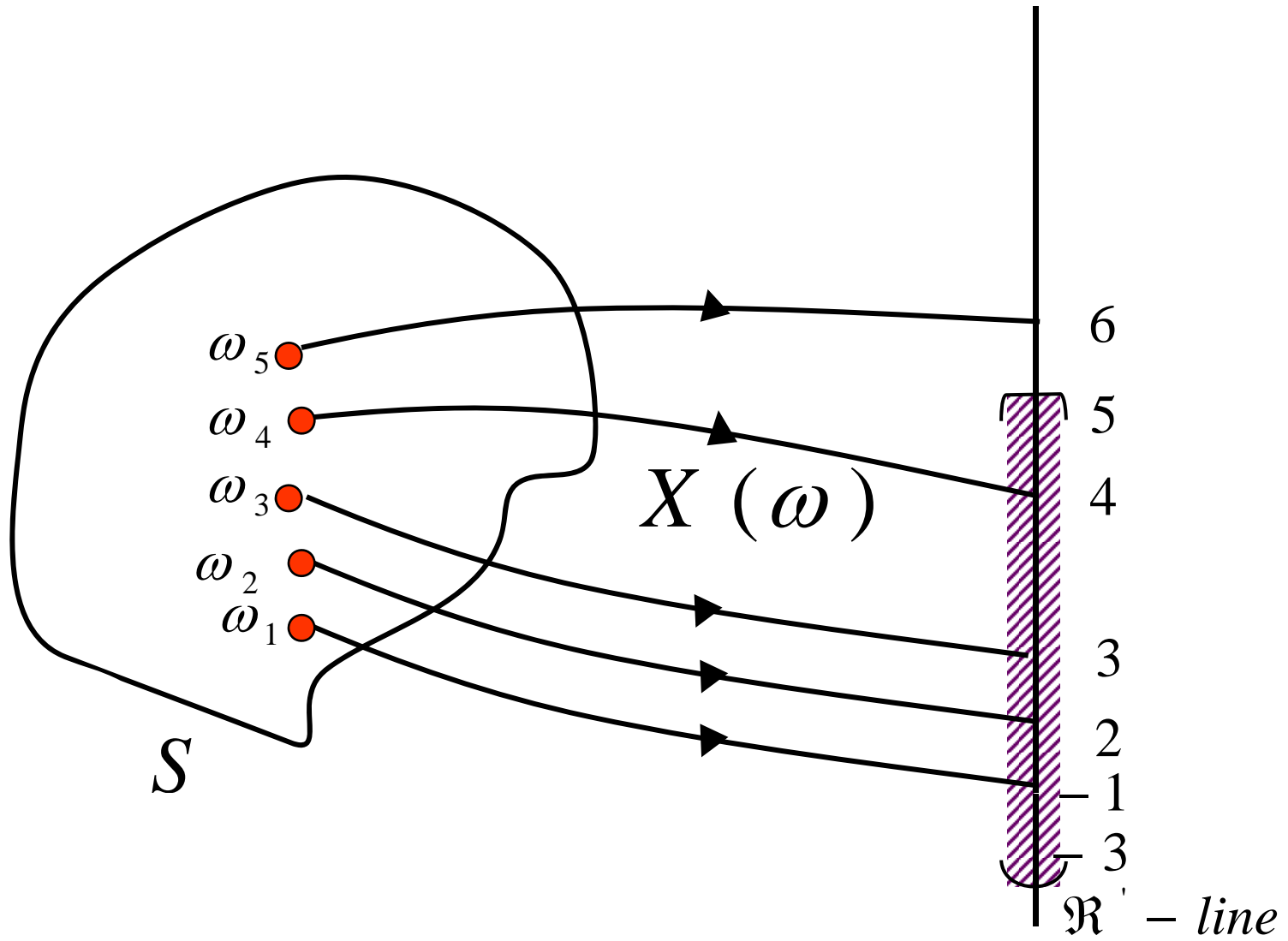


**Figure 3.16**

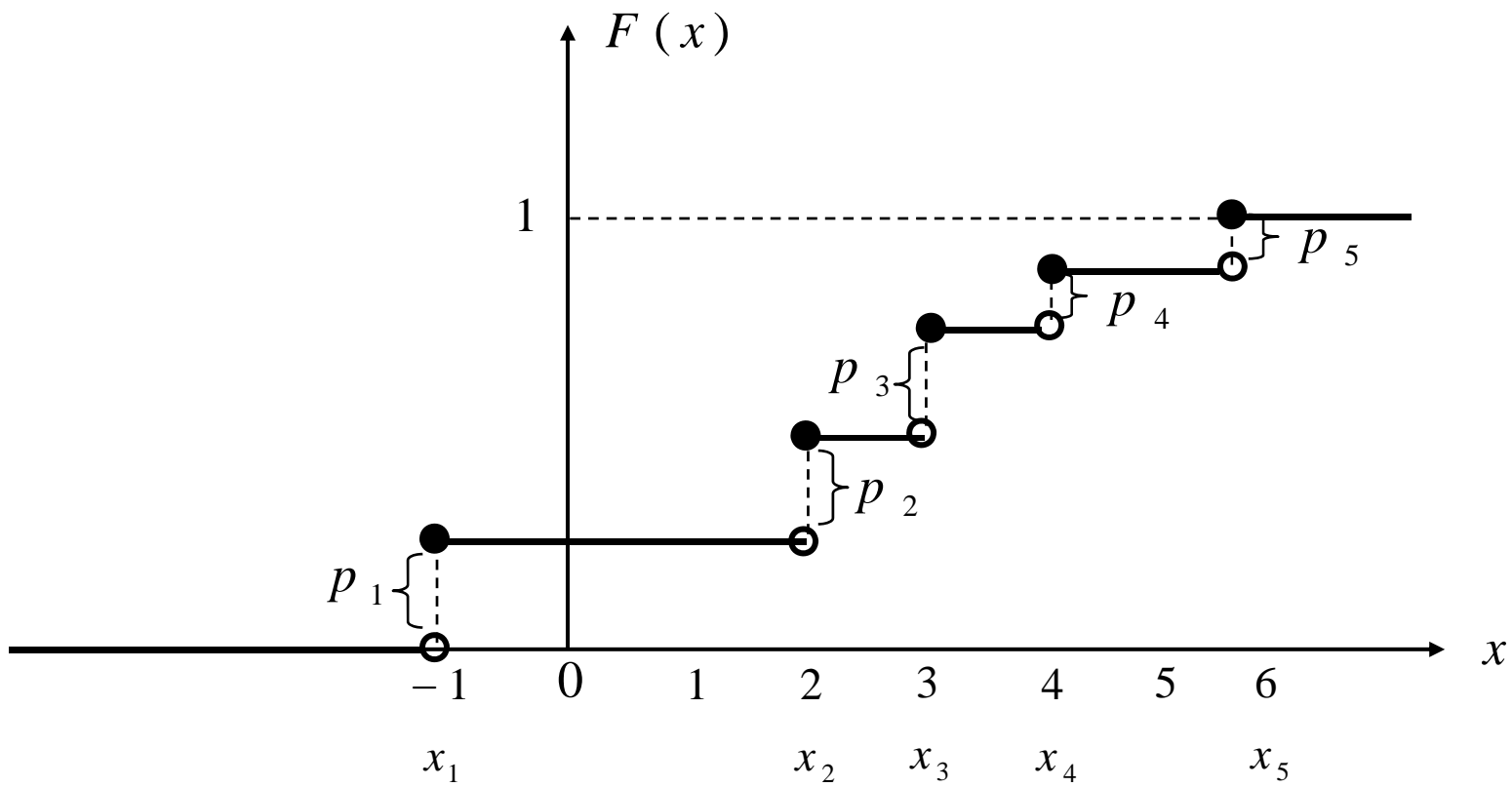




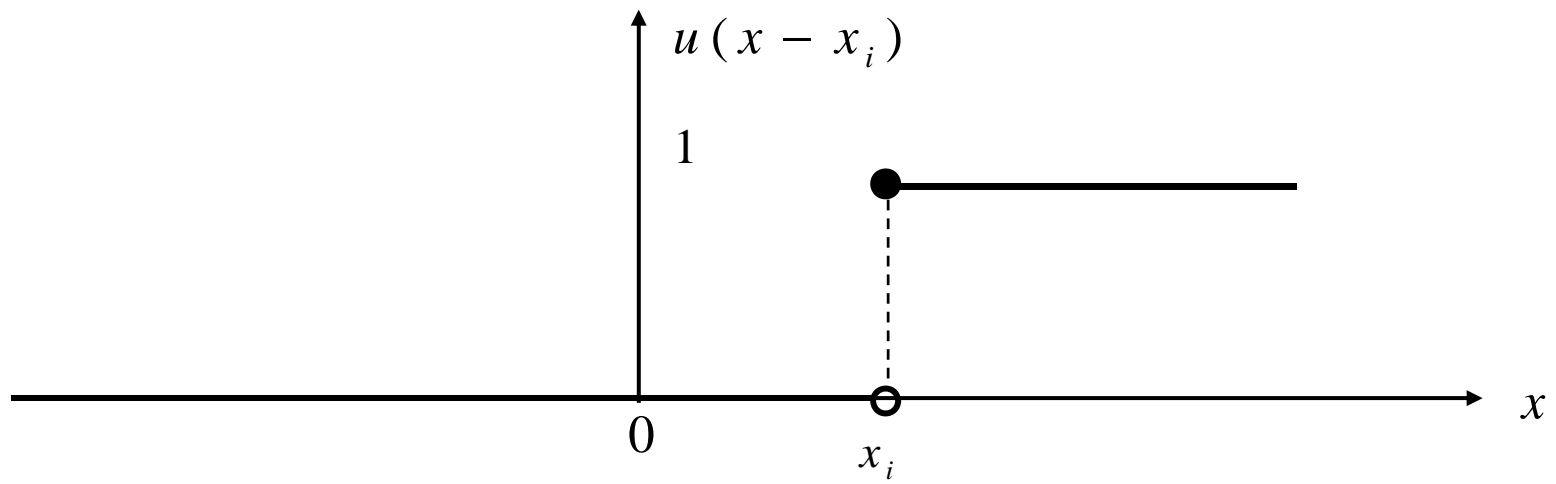
**Figure 3.17**



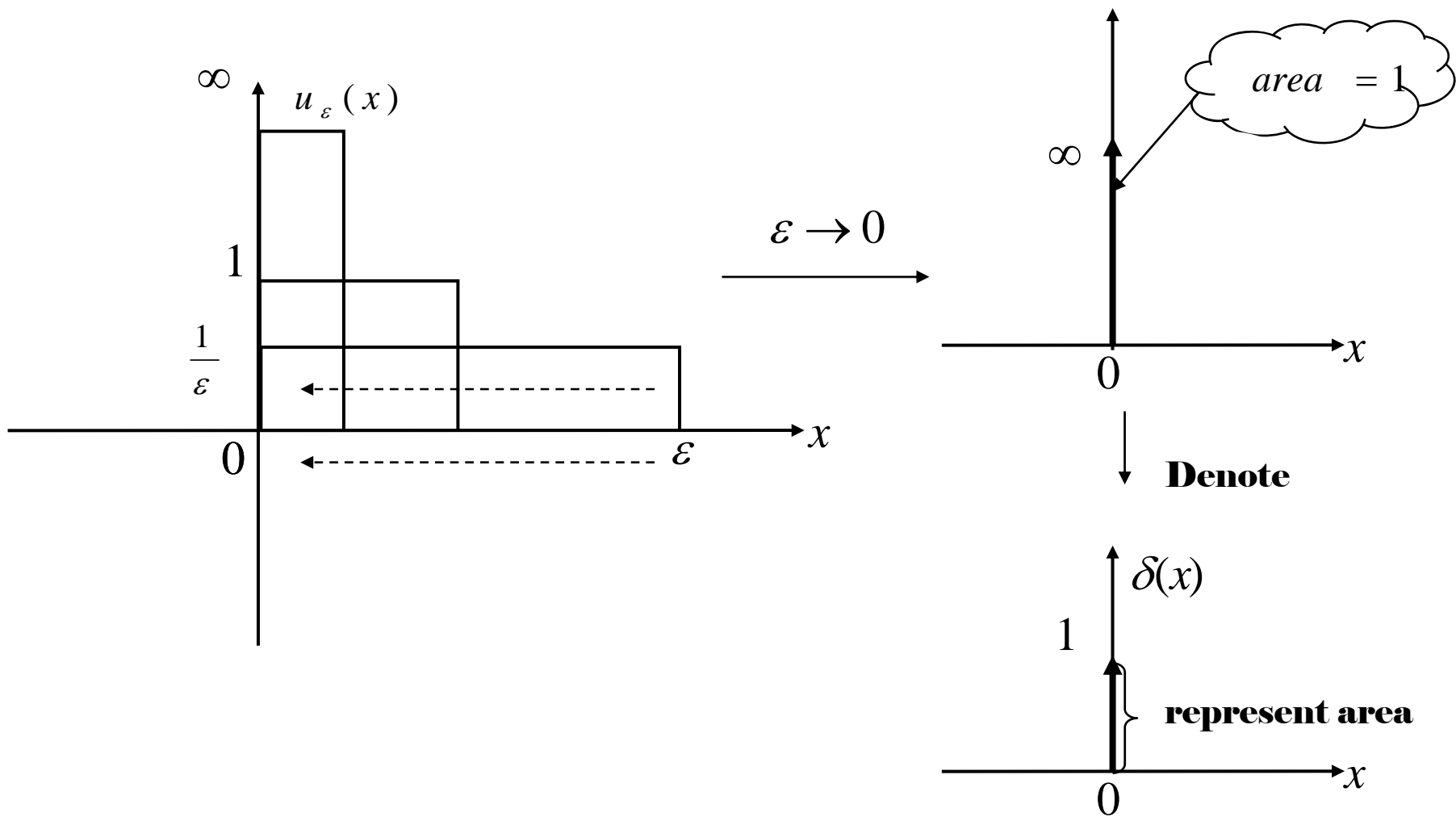
**Figure 3.18**



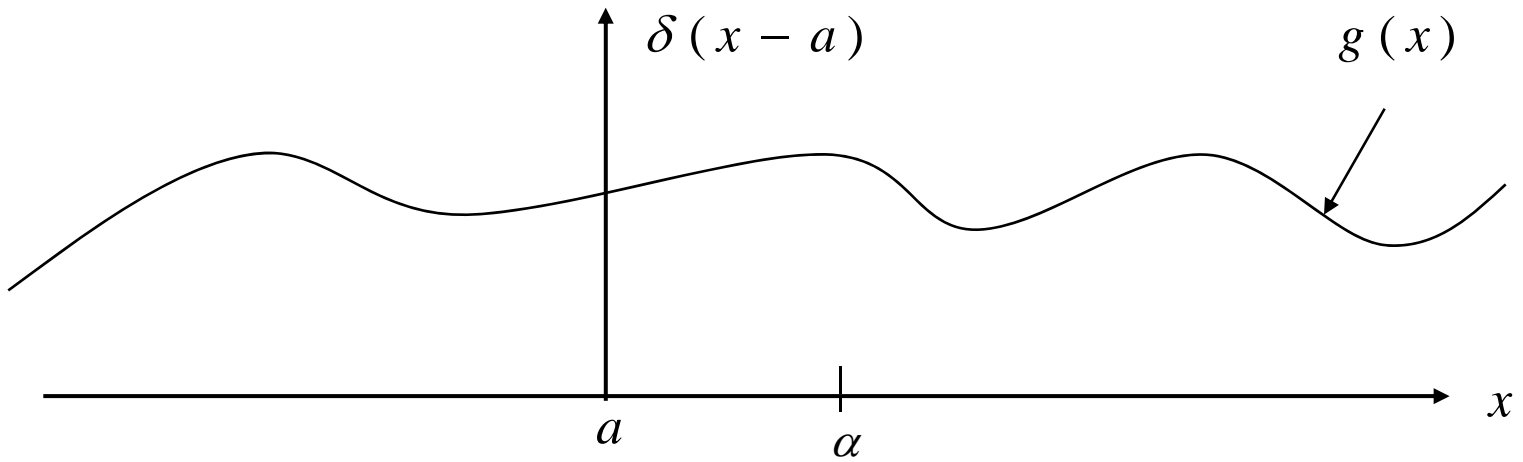
**Figure 3.19**



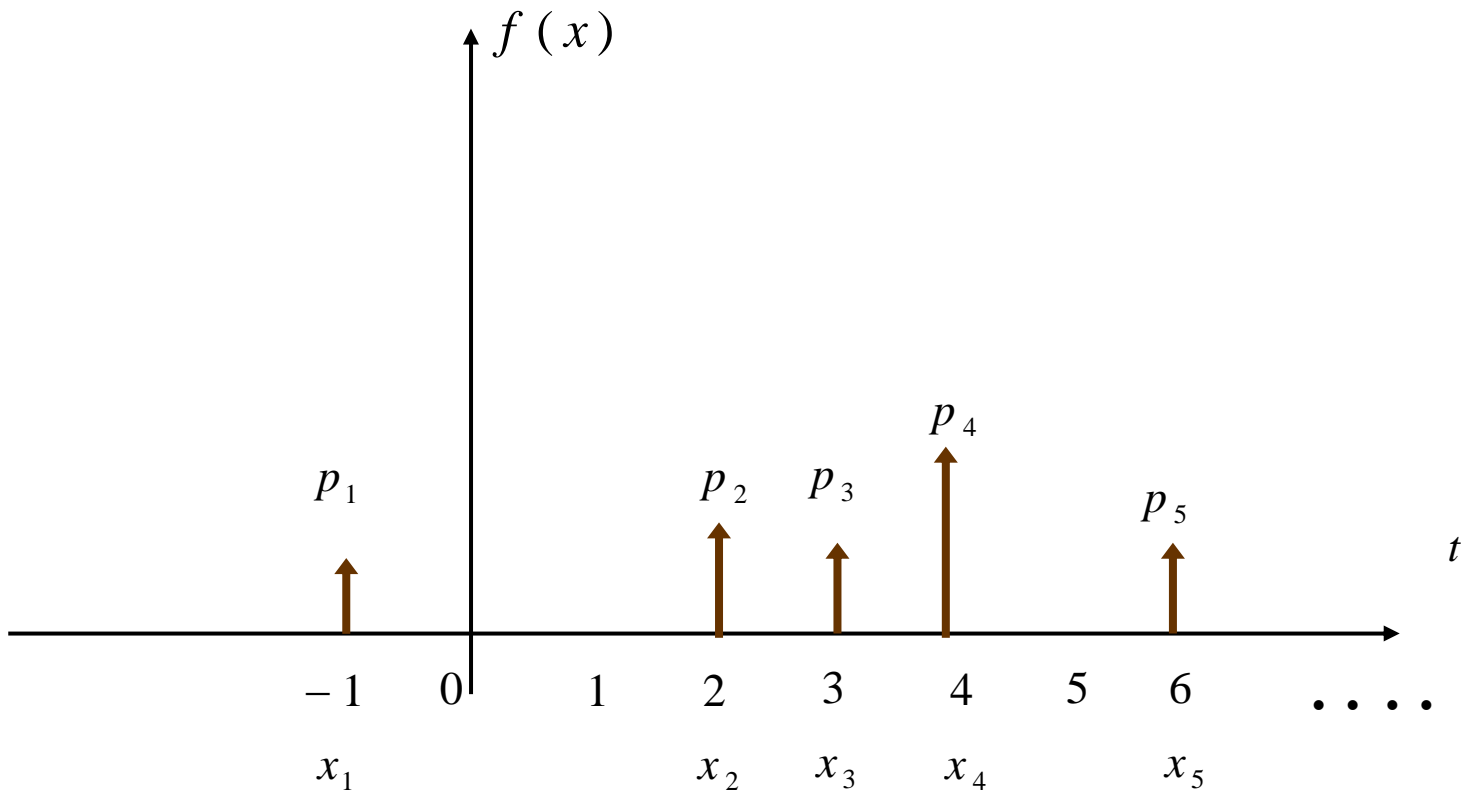
**Figure 3.20**



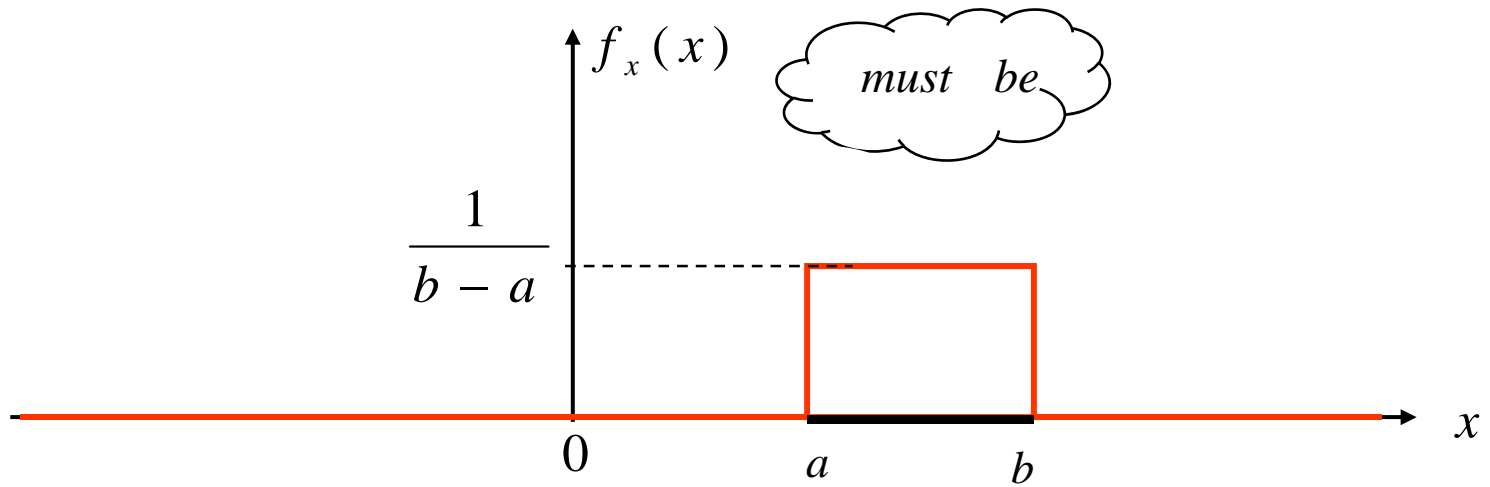
**Figure 3.21**



**Figure 3.22**

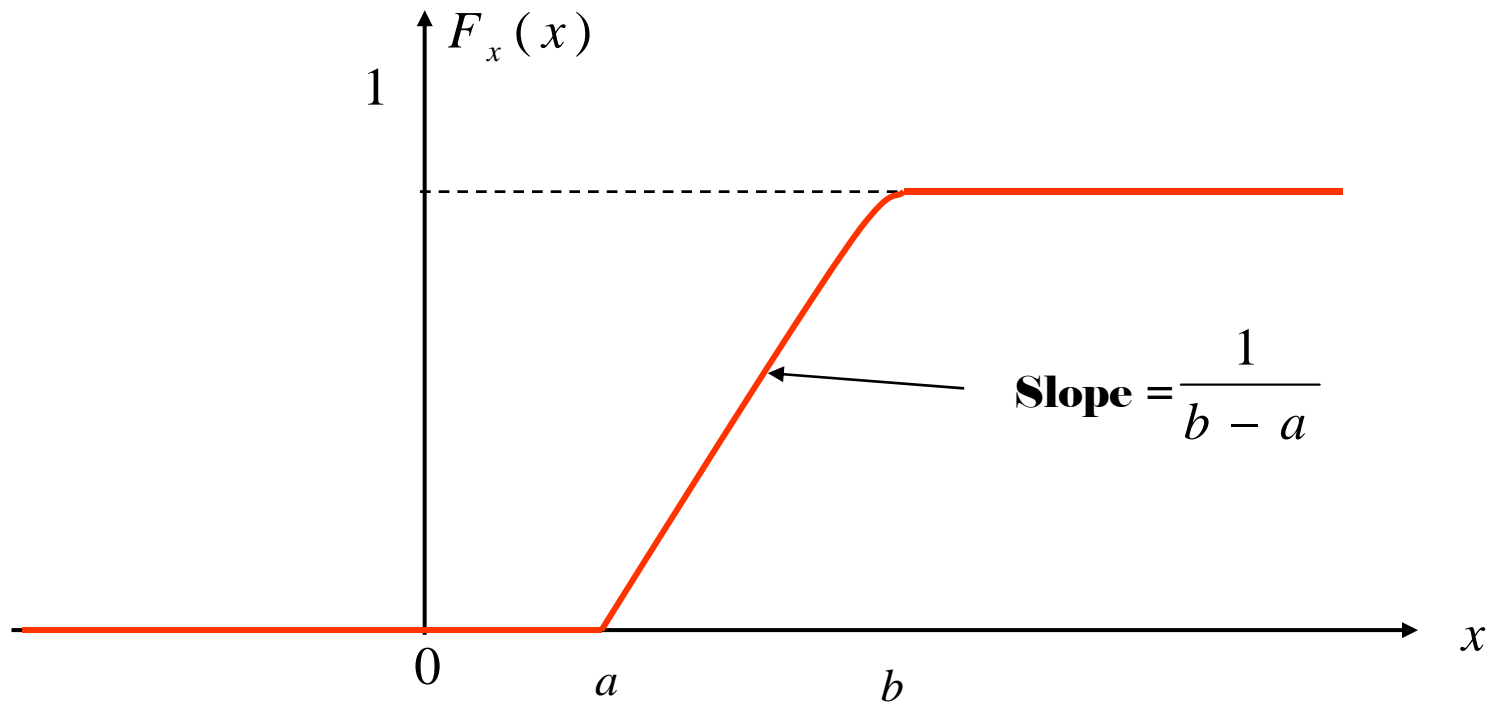


**Figure 3.23**

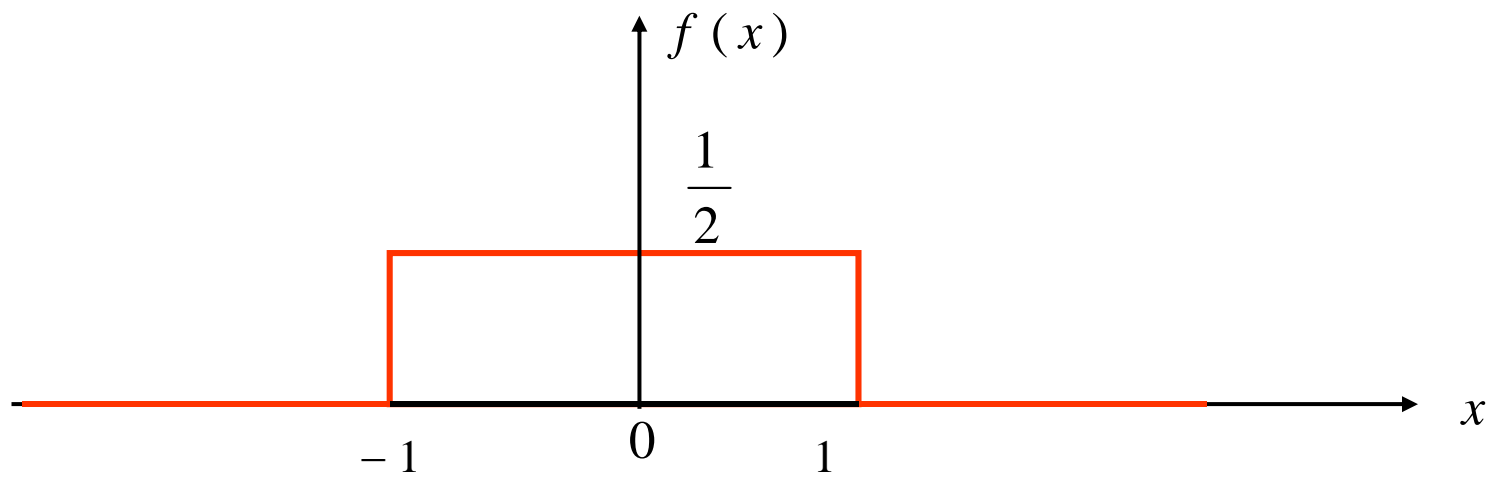


**Figure 3.24**

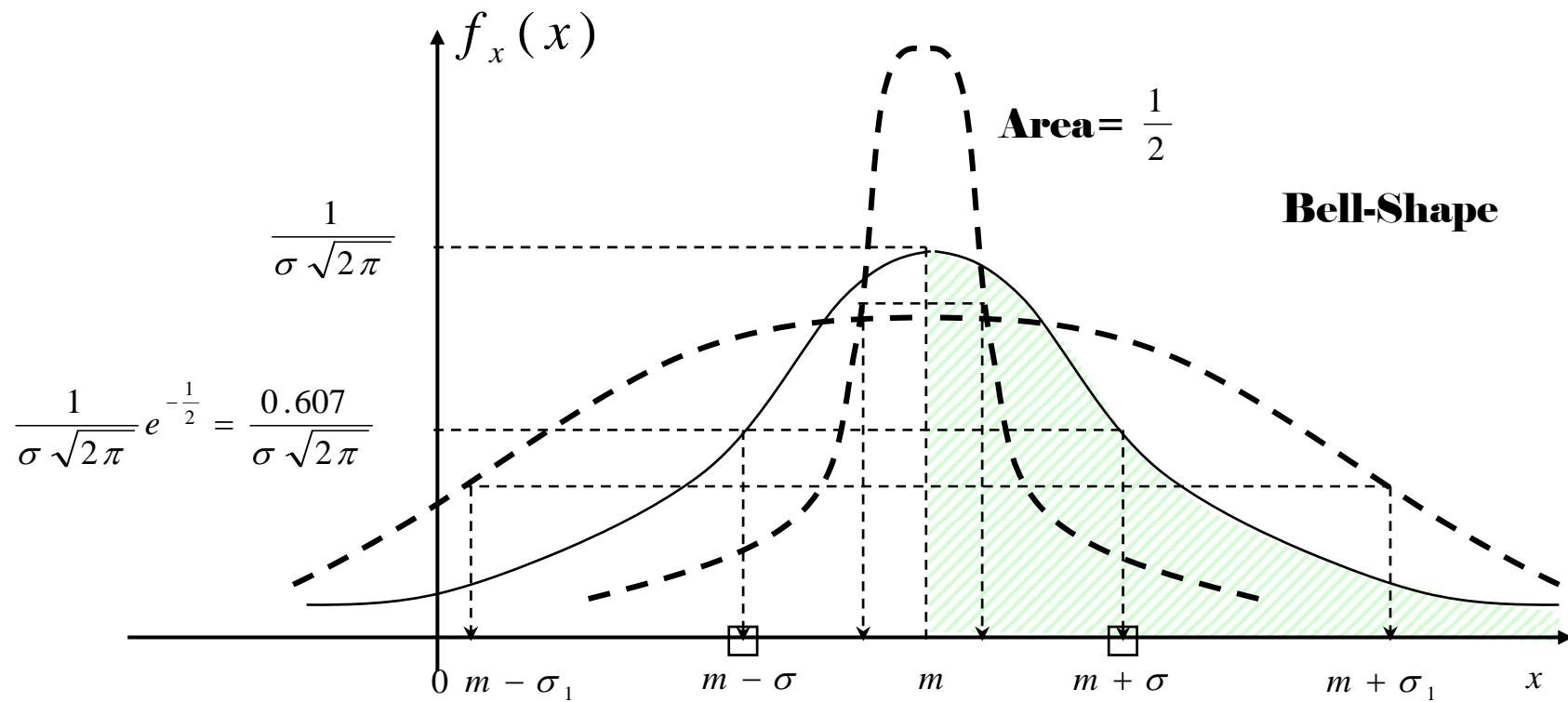




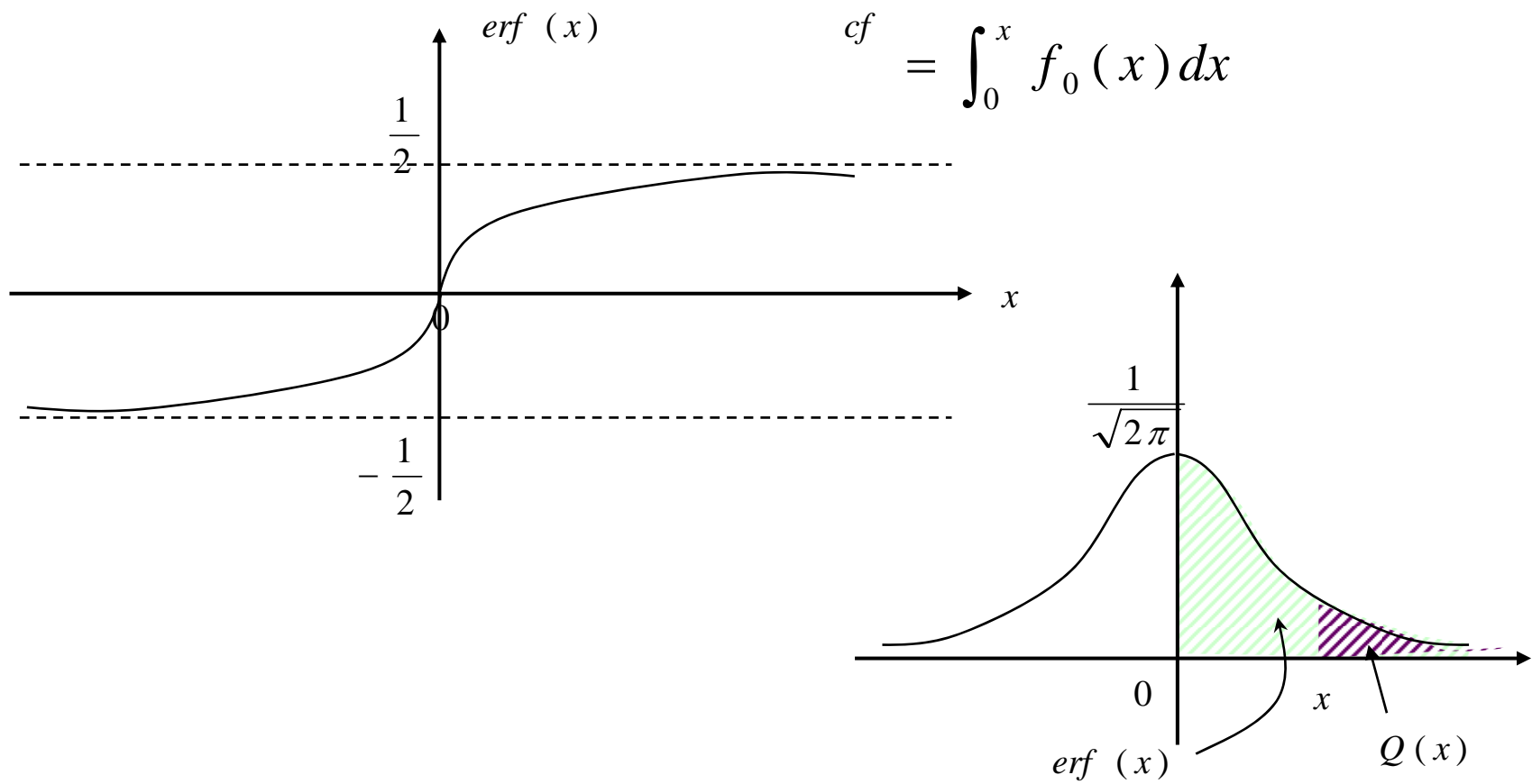
**Figure 3.25**



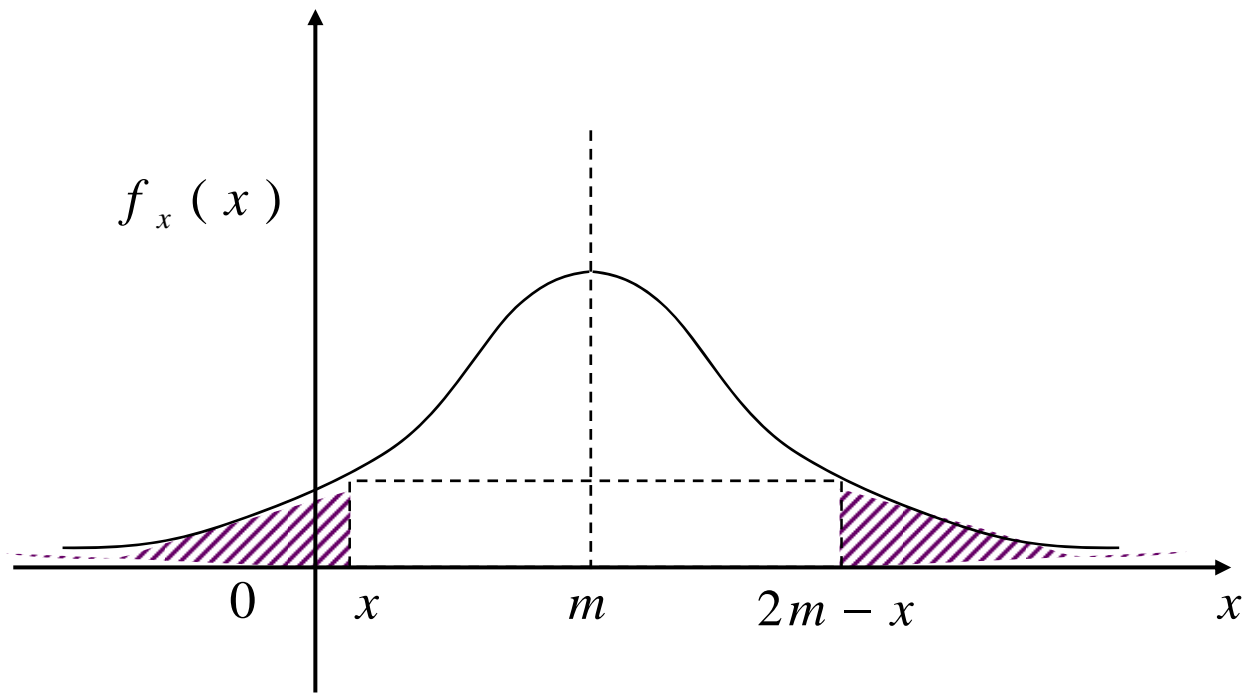
**Figure 3.26**



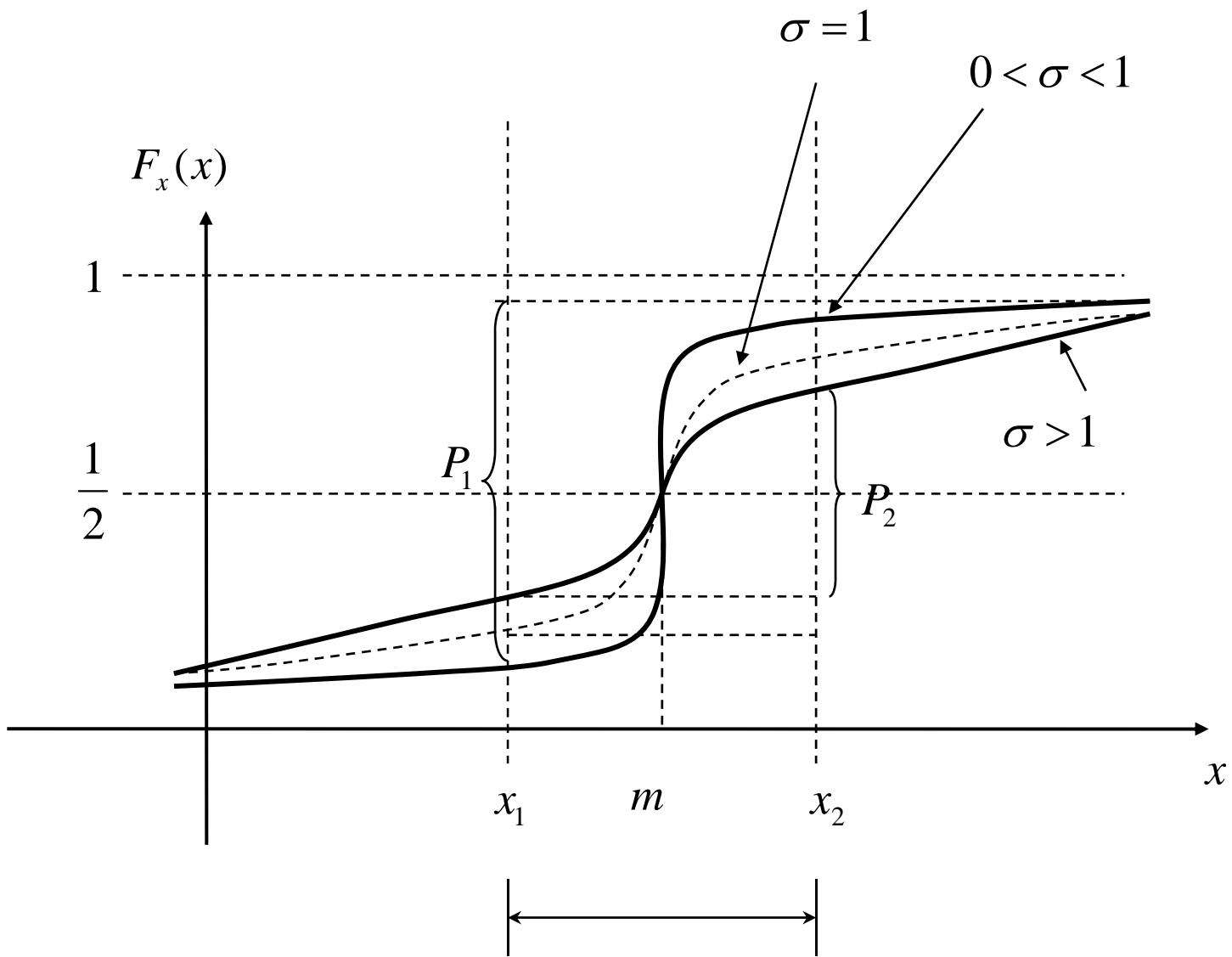
**Figure 3.27**



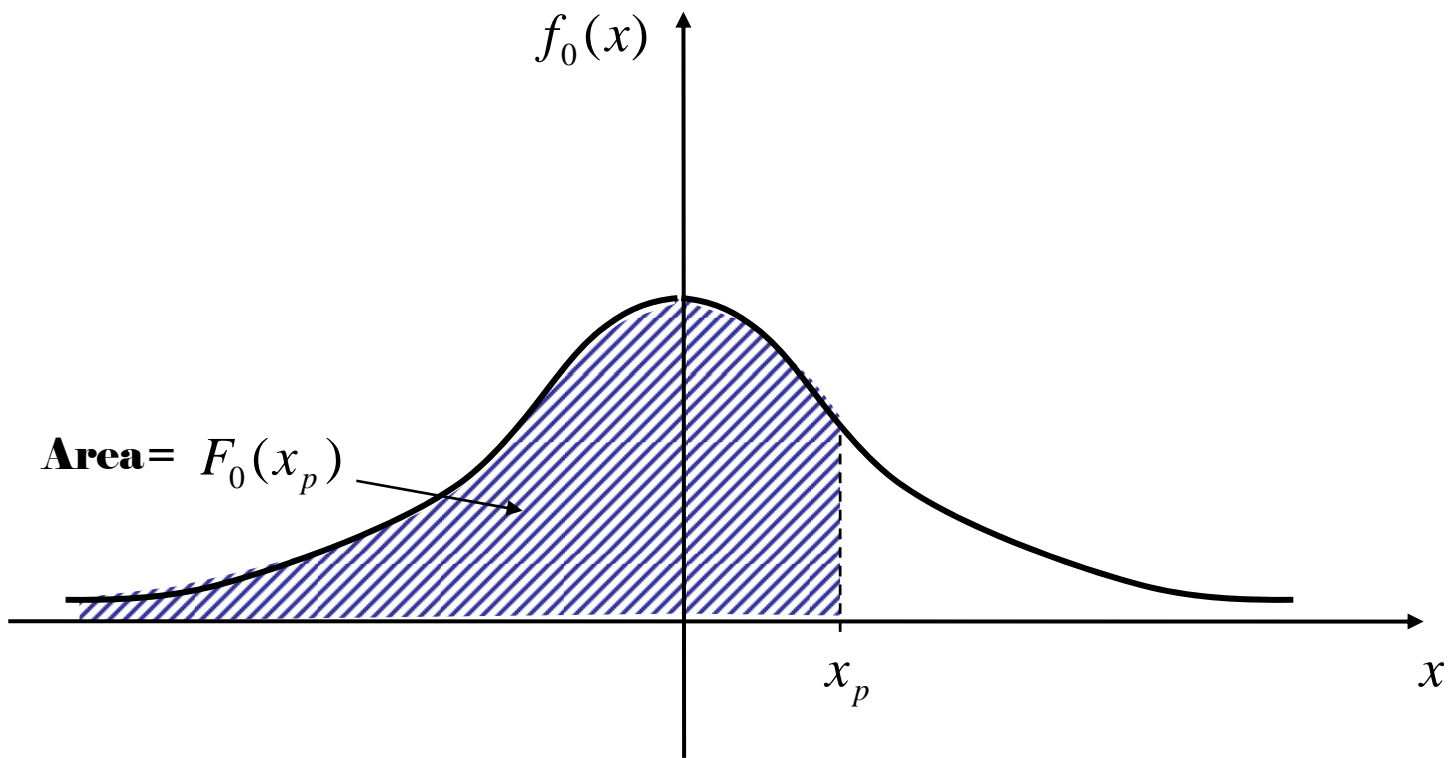
**Figure 3.28**



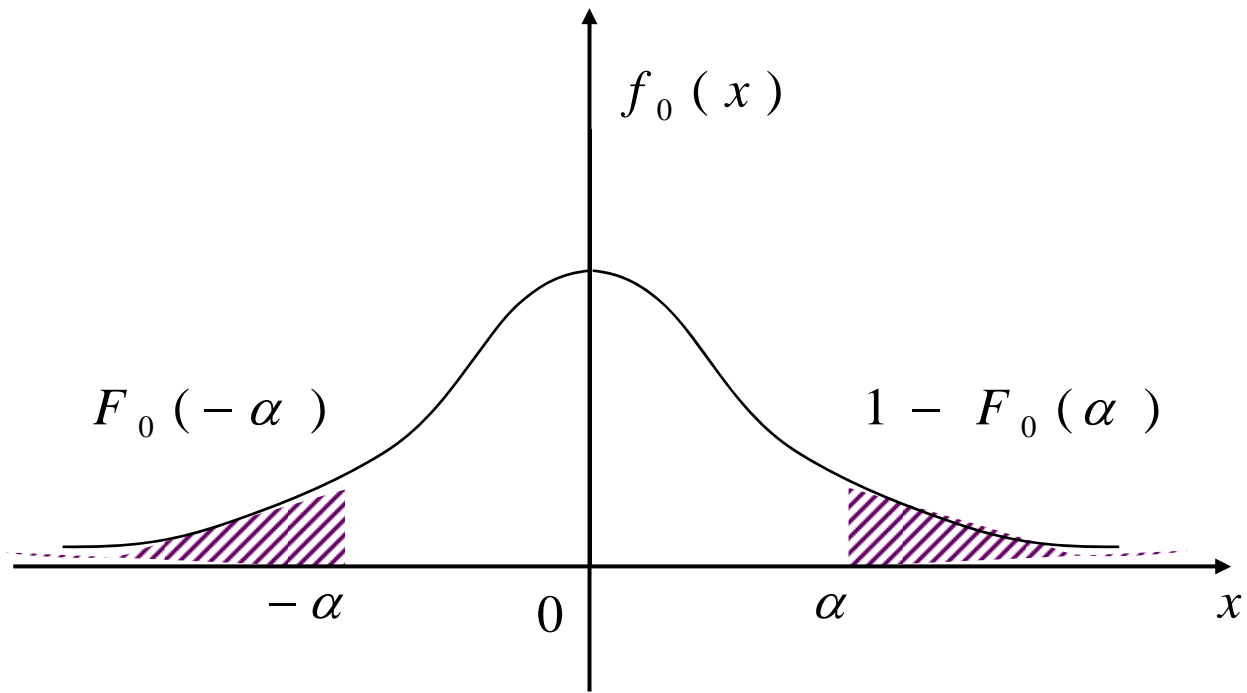
**Figure 3.29**



**Figure 3.30**

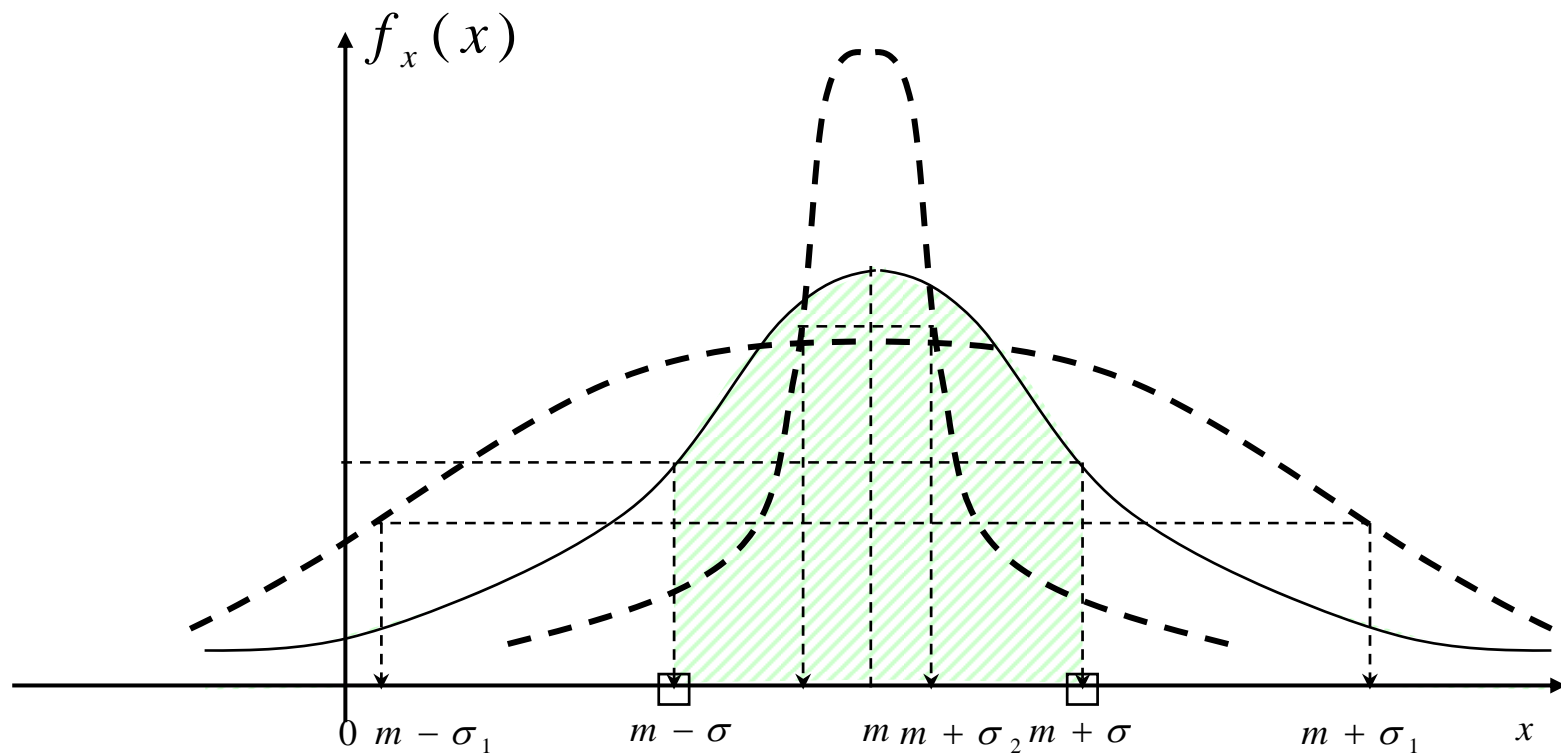


**Figure 3.31**



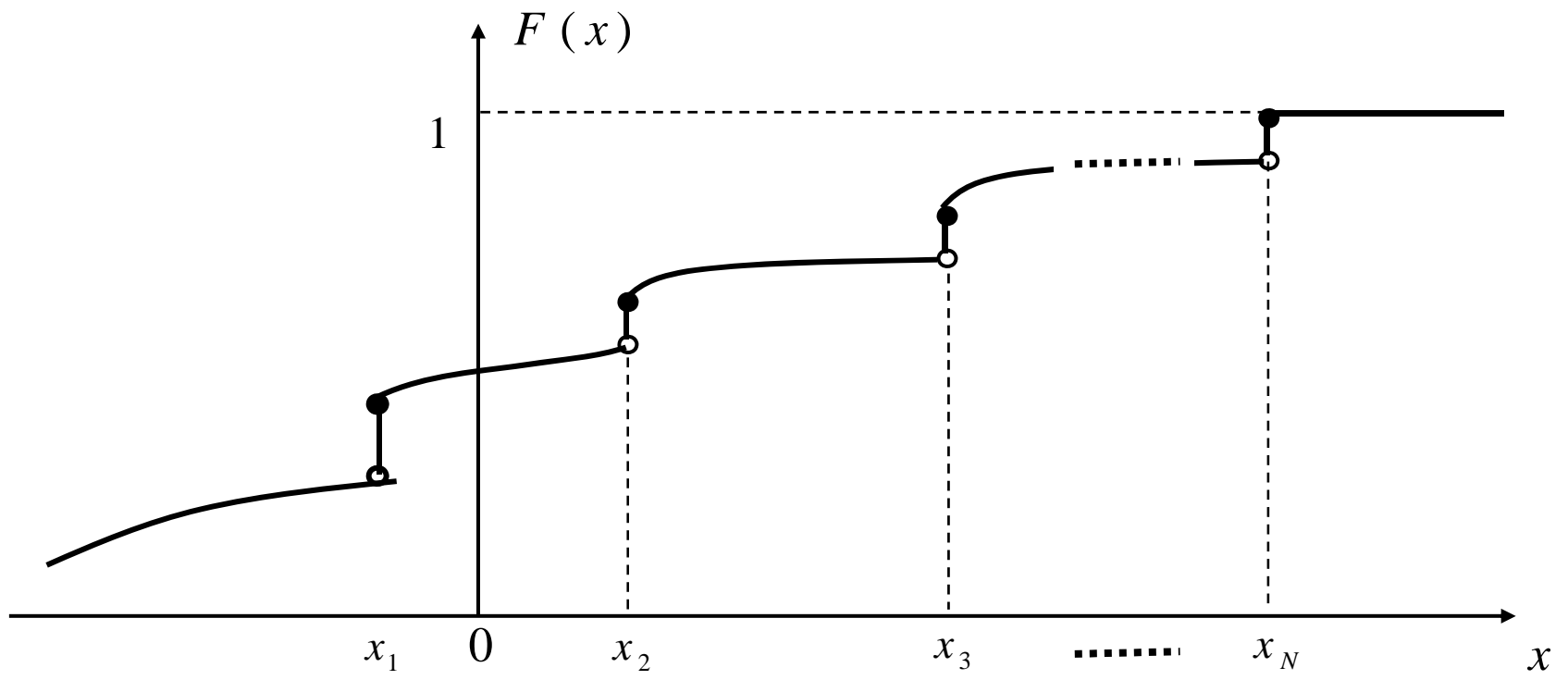
**Figure 3.32**



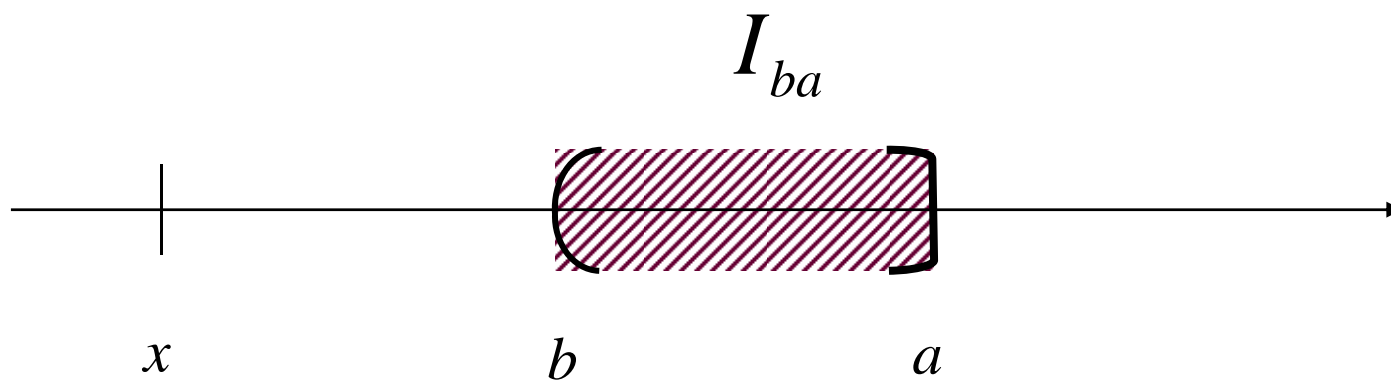


where  $\sigma_2 < \sigma < \sigma_1$

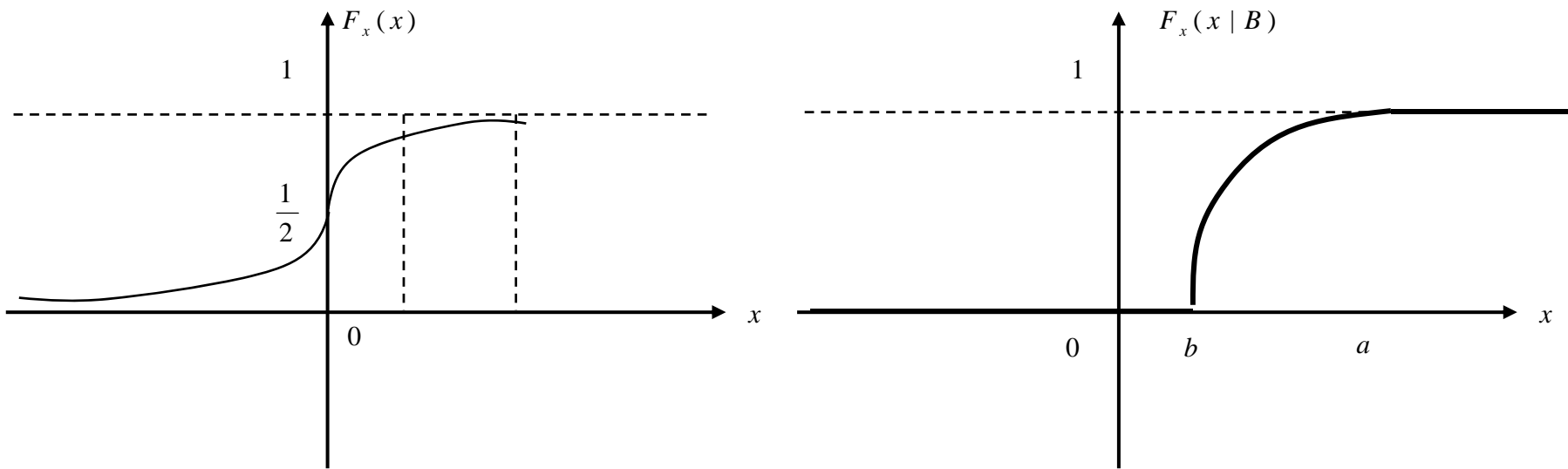
**Figure 3.33**



**Figure 3.34**



**Figure 3.35**



**Figure 3.36**