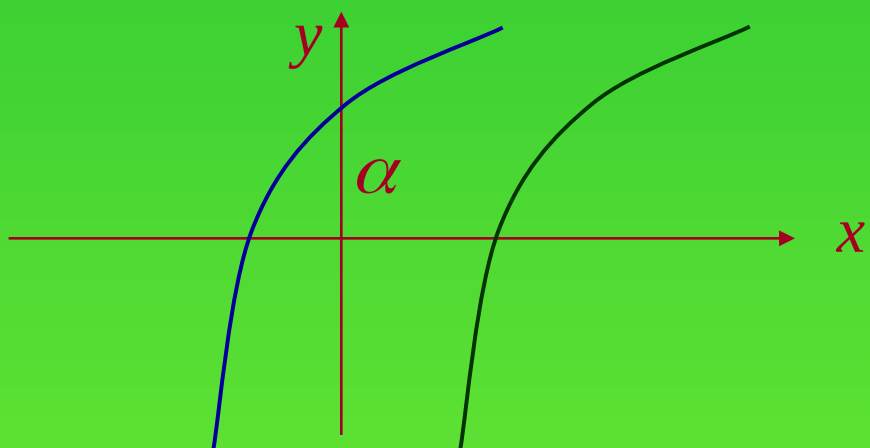
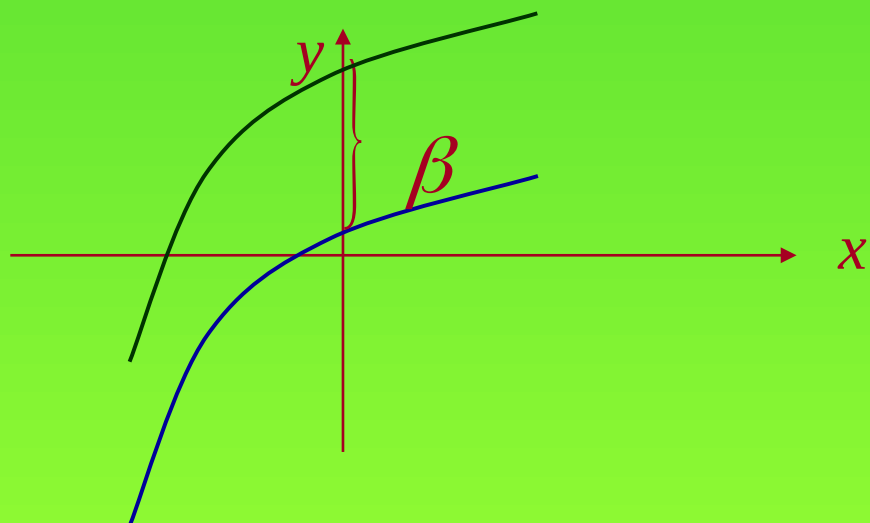


رسم نمودارهای وابسته به $y = f(x)$

$$(1) \quad y = f(x - \alpha) \quad \text{نمودار تابع}$$

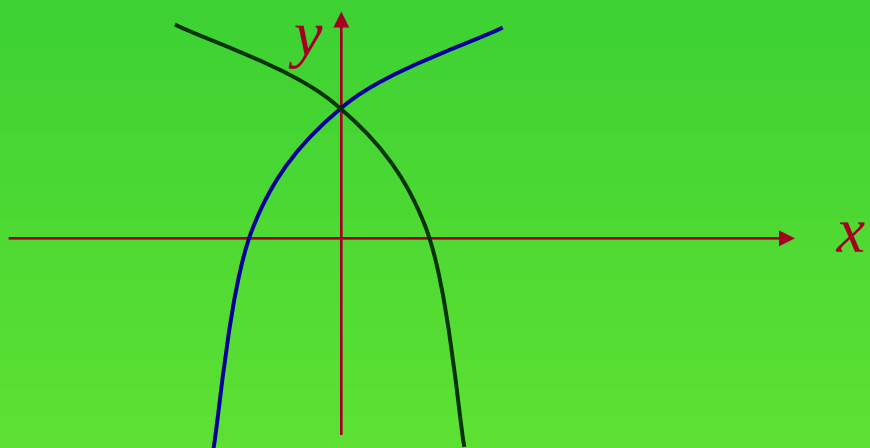


$$(2) \quad y = f(x) + \beta$$

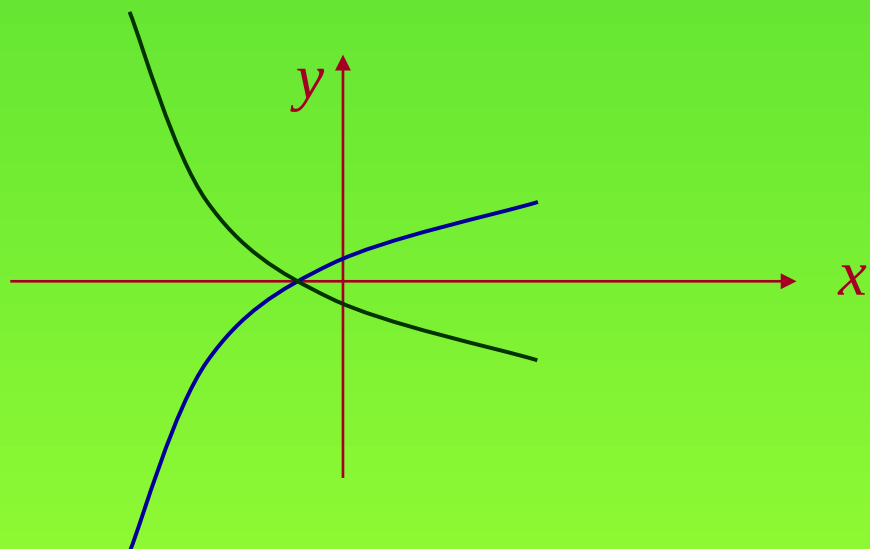


رسم نمودارهای وابسته به $y = f(x)$

(3) $y = f(-x)$ نمودار تابع

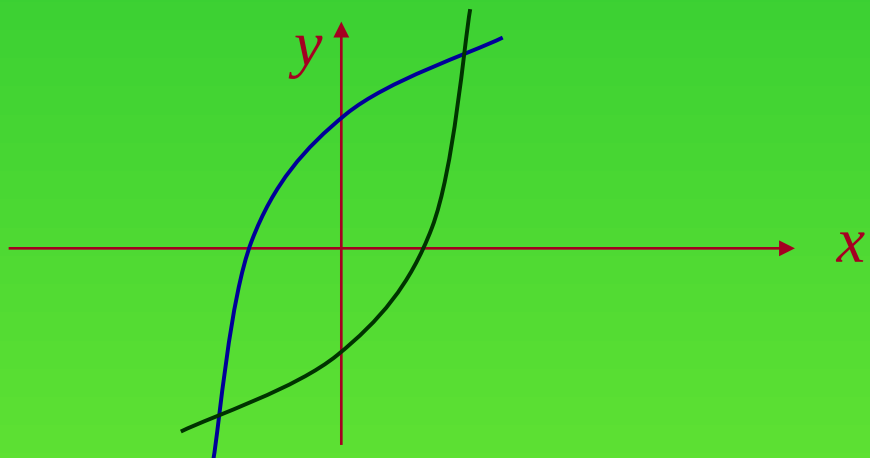


(4) $y = -f(x)$

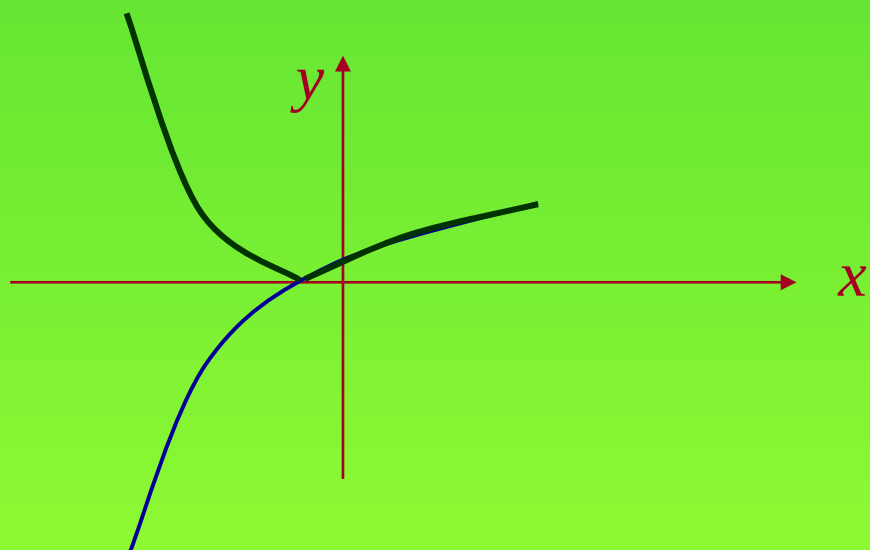


رسم نمودارهای وابسته به $y = f(x)$

$$(5) \quad y = -f(-x) \text{ نمودار تابع}$$

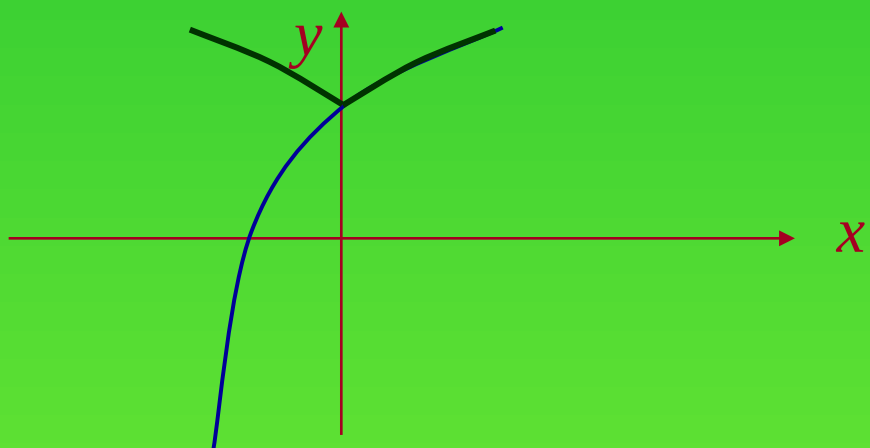


$$(6) \quad y = |f(x)|$$

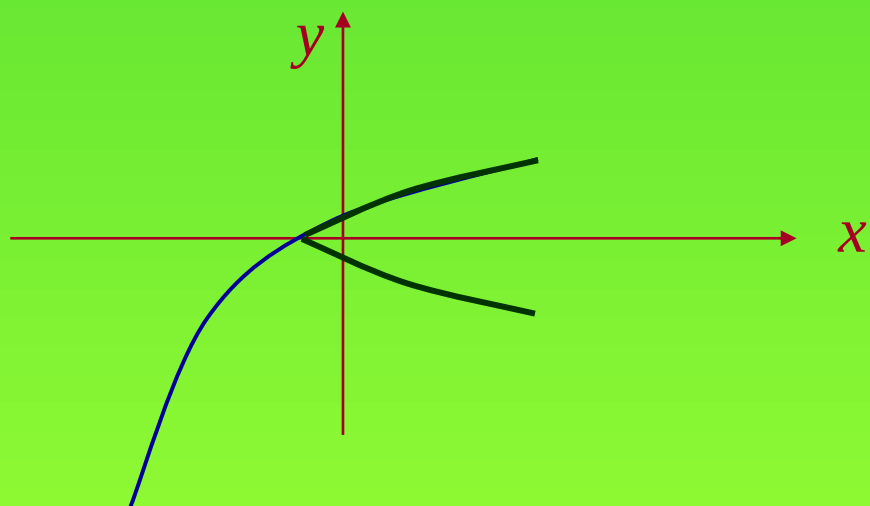


رسم نمودارهای وابسته به $y = f(x)$

(7) نمودار تابع $y = f(|x|)$

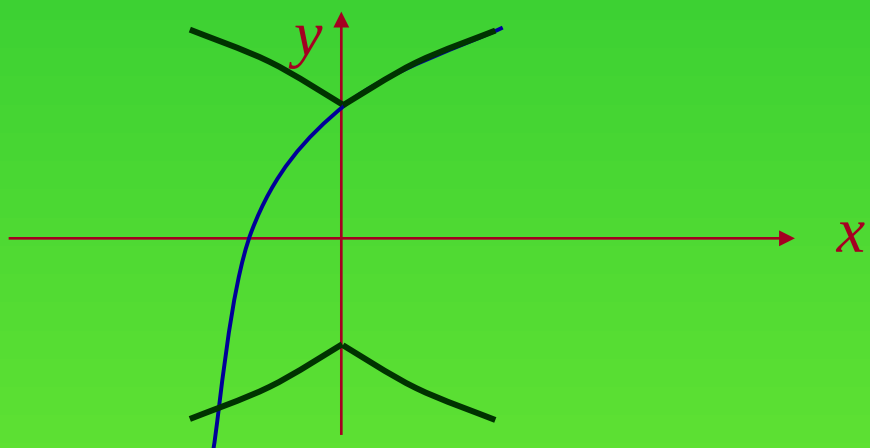


(8) $|y| = f(x)$

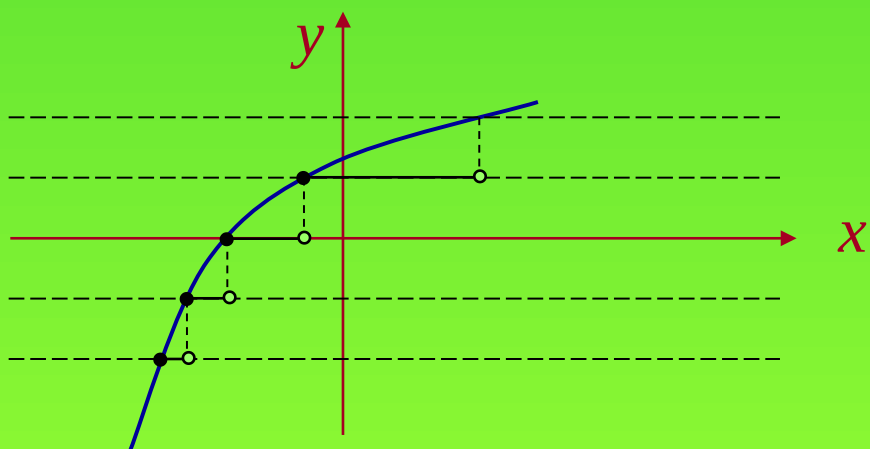


رسم نمودارهای وابسته به $y = f(x)$

(9) نمودار تابع $|y| = f(|x|)$

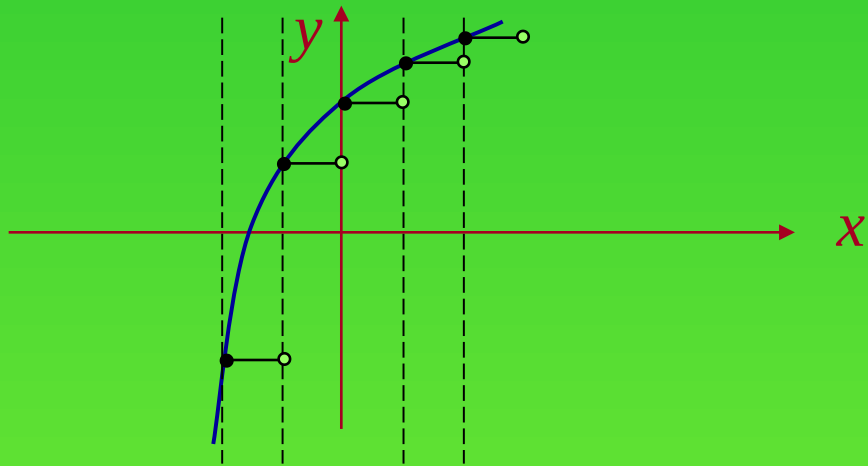


(10) $y = [f(x)]$

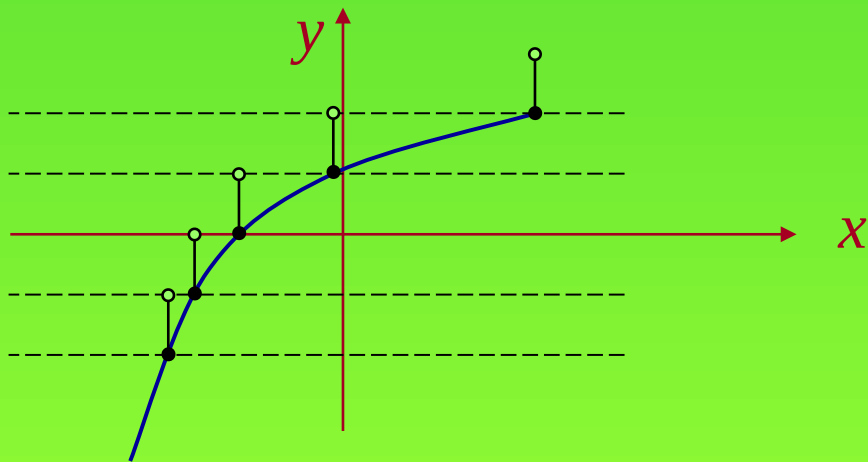


رسم نمودارهای وابسته به $y = f(x)$

11 نمودار تابع $y = f(\lfloor x \rfloor)$

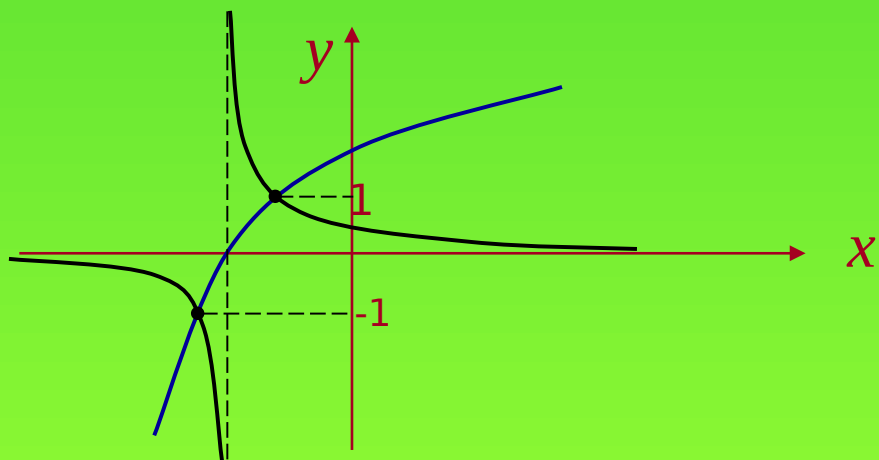
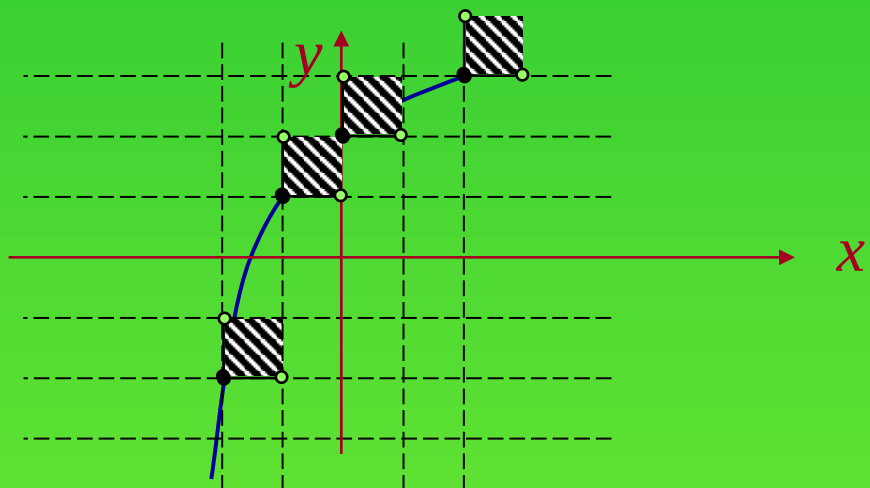


12 $\lfloor y \rfloor = f(x)$



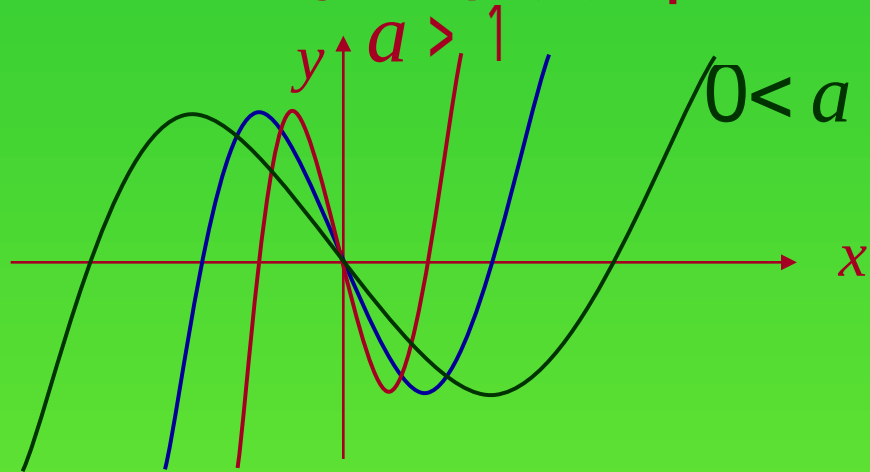
رسم نمودارهای وابسته به $y = f(x)$

13 نمودار تابع $[y] = f([x])$

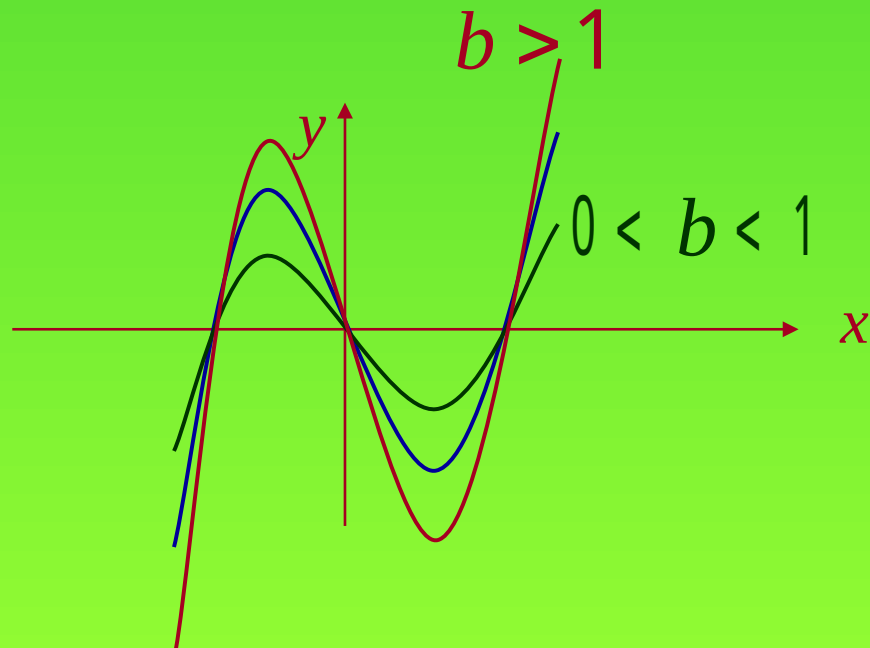


$$y = \frac{1}{f(x)} \quad (14)$$

رسم نمودارهای وابسته به $y = f(x)$



نمودار تابع $y = f(ax)$ 15
($0 < a < 1$ و $a > 1$)



$y = bf(x)$ (16)