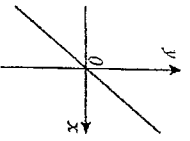


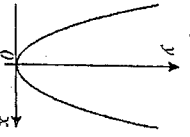
## ГРАФИКИ ЭЛЕМЕНТАРНЫХ ФУНКЦИЙ

### Степенные функции

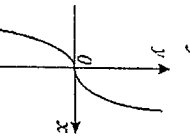
$$y = x$$



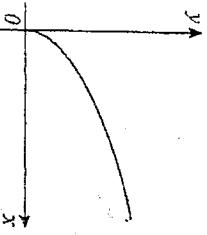
$$y = x^2$$



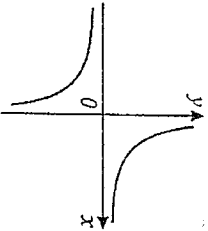
$$y = x^3$$



$$y = \sqrt{x} \quad (y = x^{1/2})$$

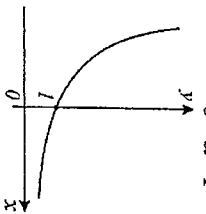


$$y = \frac{1}{x} \quad (y = x^{-1})$$

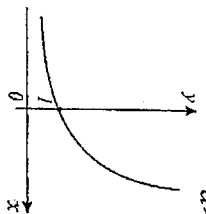


Показательная функция  $y = a^x$ , где  $a > 0, a \neq 1$

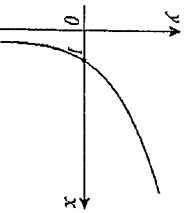
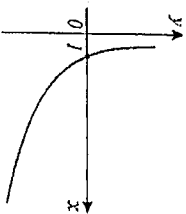
$$0 < a < 1$$



$$a > 1$$

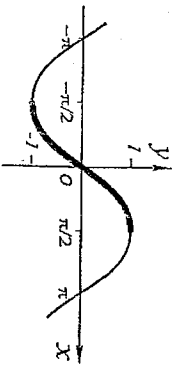


Логарифмическая функция  $y = \log_a x$ , где  $a > 0, a \neq 1$

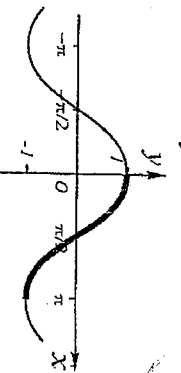


### Тригонометрические и обратные тригонометрические функции

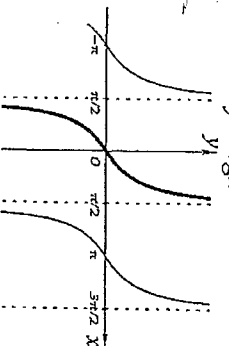
$$y = \sin x$$



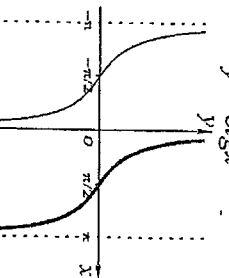
$$y = \cos x$$



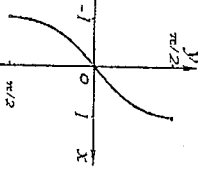
$$y = \operatorname{tg} x$$



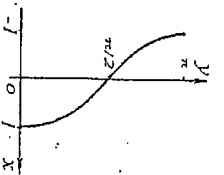
$$y = \operatorname{ctg} x$$



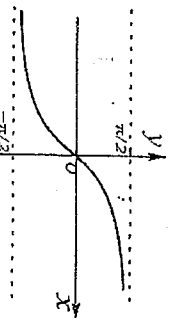
$$y = \operatorname{arcsin} x$$



$$y = \operatorname{arccos} x$$



$$y = \operatorname{arctg} x$$



$$y = \operatorname{arcctg} x$$

