Limite remarcabile:

$$\begin{split} &\lim_{x\to 0}\frac{\sin x}{x}=\lim_{x\to 0}\frac{\arcsin x}{x}=\lim_{x\to 0}\frac{tgx}{x}=\lim_{x\to 0}\frac{\arctan tgx}{x}=1\\ &\lim_{x\to 0}\frac{e^x-1}{x}=1\\ &\lim_{x\to 0}\frac{a^x-1}{x}=\ln a \qquad \qquad \lim_{m\to \infty}\sqrt[m]{m}=\lim_{m\to \infty}m^{1/m}=1\\ &\lim_{x\to 0}\frac{\ln(1+x)}{x}=1\\ &\lim_{x\to 0}\frac{(1+x)^r-1}{x}=r,\ r\in \mathbf{R}\\ &\lim_{x\to \infty}\left(1+\frac{1}{x}\right)^x=e \end{split}$$

XIII.2. Tabele de valori:

X	0°	30°	45°	60°	90°	120°	135°	150°	180°	210°	225°	240°	270°	300°	315°	330°	360°
x	0	$\frac{\pi}{6}$	$\frac{\pi}{4}$	π 3	$\frac{\pi}{2}$	$\frac{2\pi}{3}$	$\frac{3\pi}{4}$	<u>5π</u> 6	π	$\frac{7\pi}{6}$	$\frac{5\pi}{4}$	$\frac{4\pi}{3}$	$\frac{3\pi}{2}$	$\frac{5\pi}{3}$	$\frac{7\pi}{4}$	$\frac{11\pi}{6}$	2π
sinx	0	$\frac{1}{2}$	$\frac{\sqrt{2}}{2}$	$\frac{\sqrt{3}}{2}$	1	$\frac{\sqrt{3}}{2}$	$\frac{\sqrt{2}}{2}$	$\frac{1}{2}$	0	$-\frac{1}{2}$	$-\frac{\sqrt{2}}{2}$	$-\frac{\sqrt{3}}{2}$	-1	$-\frac{\sqrt{3}}{2}$	$-\frac{\sqrt{2}}{2}$	$-\frac{1}{2}$	0
cosx	1	$\frac{\sqrt{3}}{2}$	$\frac{\sqrt{2}}{2}$	$\frac{1}{2}$	0	$-\frac{1}{2}$	$-\frac{\sqrt{2}}{2}$	$-\frac{\sqrt{3}}{2}$	-1	$-\frac{\sqrt{3}}{2}$	$-\frac{\sqrt{2}}{2}$	$-\frac{1}{2}$	0	$\frac{1}{2}$	$\frac{\sqrt{2}}{2}$	$\frac{\sqrt{3}}{2}$	1
tgx	0	$\frac{\sqrt{3}}{3}$	1	$\sqrt{3}$	1	$-\sqrt{3}$	-1	$-\frac{\sqrt{3}}{3}$	0	$\frac{\sqrt{3}}{3}$	1	√3	1	-√3	-1	$-\frac{\sqrt{3}}{3}$	0
ctgx	ı	$\sqrt{3}$	1	$\frac{\sqrt{3}}{3}$	0	$-\frac{\sqrt{3}}{3}$	-1	$-\sqrt{3}$	-	$\sqrt{3}$	1	$\frac{\sqrt{3}}{3}$	0	$-\frac{\sqrt{3}}{3}$	-1	$-\sqrt{3}$	-

X	-1	$\sqrt{3}$	$\sqrt{2}$	1	0	1	$\sqrt{2}$	$\sqrt{3}$	1
funcția		2	2	2		2	2	2	
arcsin x	$-\frac{\pi}{2}$	$-\frac{\pi}{3}$	$-\frac{\pi}{4}$	$-\frac{\pi}{6}$	0	$\frac{\pi}{6}$	$\frac{\pi}{4}$	$\frac{\pi}{3}$	$\frac{\pi}{2}$
arcos x	π	5π	3π	2π	π	π	π	π	0
		6	4	3	2	3	4	6	

X	$-\sqrt{3}$	-1	$\sqrt{3}$	0	$\sqrt{3}$	1	√3
functia			3		3		10
arctg x	π	π	π	0	π	π	π
	3	4	6		6	4	3
arcctg x	5π	3π	2π	π	π	π	π
	6	4	3	2	3	4	6