

$\cos(x_1-x_2)=\cos x_1\cos x_2+\sin x_1\sin x_2$ $\cos(x_1+x_2)=\cos x_1\cos x_2-\sin x_1\sin x_2$ $\sin(x_1+x_2)=\sin x_1\cos x_2+\cos x_1\sin x_2$ $\sin(x_1-x_2)=\sin x_1\cos x_2-\cos x_1\sin x_2$ $\operatorname{Tg}(x_1+x_2)=\operatorname{tg}x_1+\operatorname{tg}x_2 / 1-\operatorname{tg}x_1\operatorname{tg}x_2$ $\operatorname{Tg}(x_1-x_2)=\operatorname{tg}x_1-\operatorname{tg}x_2 / 1+\operatorname{tg}x_1\operatorname{tg}x_2$ $\operatorname{Ctg}(x_1+x_2)=\operatorname{ctg}x_1\operatorname{ctg}x_2-1 / \operatorname{ctg}x_1+\operatorname{ctg}x_2$ $\operatorname{Ctg}(x_1-x_2)=\operatorname{ctg}x_1\operatorname{ctg}x_2+1 / \operatorname{ctg}x_1-\operatorname{ctg}x_2$	$\sin 2x=2\sin x\cos x$ $\cos 2x=\cos^2 x-\sin^2 x$ $\operatorname{Tg} 2x=2\operatorname{tg}x / 1-\operatorname{tg}^2 x$ $\operatorname{Ctg} 2x=\operatorname{ctg}^2 x-1 / 2\operatorname{ctg}x$ $\sin 3x=3\sin x-4\sin^3 x$ $\cos 3x=4\cos^3 x-3\cos x$ $\operatorname{Tg} 3x=3\operatorname{tg}x-\operatorname{tg}^3 x / 1-3\operatorname{tg}^2 x$ $\operatorname{Ctg} 3x=\operatorname{ctg}^3 x-3\operatorname{ctg}x / 3\operatorname{ctg}^2 x-1$
--	---

$\sin x_1+\sin x_2=2\sin(x_1+x_2)/2 \cos(x_1-x_2)/2$ $\sin a-\sin b=1/2(\sin(a+b)+\sin(a-b))$ $\sin x_1-\sin x_2=2\cos(x_1+x_2)/2 \sin(x_1-x_2)/2$ $\cos x_1+\cos x_2=2\cos(x_1+x_2)/2 \cos(x_1-x_2)/2$ $\cos a-\cos b=1/2(\cos(a+b)+\cos(a-b))$ $\cos x_1-\cos x_2=-2\sin(x_1+x_2)/2 \sin(x_1-x_2)/2$ $\sin a-\sin b=-1/2(\cos(a+b)-\cos(a-b))$ $\operatorname{Tg}x_1+\operatorname{tg}x_2=\sin(x_1+x_2)/\cos x_1\cos x_2$ $\operatorname{Ctg}x_1+\operatorname{ctg}x_2=\sin(x_2+x_1)/\sin x_1\sin x_2$	$\sin x=2\sin x/2 \cos x/2$ $\cos x=\cos^2 x/2-\sin^2 x/2$ $1=\sin^2 x/2+\cos^2 x/2$
--	--