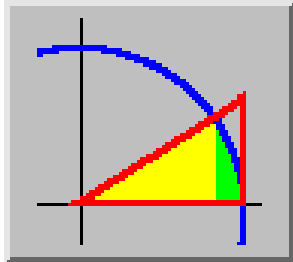


Archi associati

Archi opposti	Archi supplementari	Archi che differiscono di un arco piatto
$\operatorname{sen}(-\alpha) = -\operatorname{sen}\alpha$ $\cos(-\alpha) = \cos\alpha$ $\operatorname{tg}(-\alpha) = -\operatorname{tg}\alpha$ $\operatorname{ctg}(-\alpha) = -\operatorname{ctg}\alpha$	$\operatorname{sen}(\pi - \alpha) = \operatorname{sen}\alpha$ $\cos(\pi - \alpha) = -\cos\alpha$ $\operatorname{tg}(\pi - \alpha) = -\operatorname{tg}\alpha$ $\operatorname{ctg}(\pi - \alpha) = -\operatorname{ctg}\alpha$	$\operatorname{sen}(\pi + \alpha) = -\operatorname{sen}\alpha$ $\cos(\pi + \alpha) = -\cos\alpha$ $\operatorname{tg}(\pi + \alpha) = \operatorname{tg}\alpha$ $\operatorname{ctg}(\pi + \alpha) = \operatorname{ctg}\alpha$
Archi esplementari	Archi complementari	Archi che differiscono di un arco retto
$\operatorname{sen}(2\pi - \alpha) = -\operatorname{sen}\alpha$ $\cos(2\pi - \alpha) = \cos\alpha$ $\operatorname{tg}(2\pi - \alpha) = -\operatorname{tg}\alpha$ $\operatorname{ctg}(2\pi - \alpha) = -\operatorname{ctg}\alpha$	$\operatorname{sen}\left(\frac{\pi}{2} - \alpha\right) = \cos\alpha$ $\cos\left(\frac{\pi}{2} - \alpha\right) = \operatorname{sen}\alpha$ $\operatorname{tg}\left(\frac{\pi}{2} - \alpha\right) = \operatorname{ctg}\alpha$ $\operatorname{ctg}\left(\frac{\pi}{2} - \alpha\right) = \operatorname{tg}\alpha$	$\operatorname{sen}\left(\frac{\pi}{2} + \alpha\right) = \cos\alpha$ $\cos\left(\frac{\pi}{2} + \alpha\right) = -\operatorname{sen}\alpha$ $\operatorname{tg}\left(\frac{\pi}{2} + \alpha\right) = -\operatorname{ctg}\alpha$ $\operatorname{ctg}\left(\frac{\pi}{2} + \alpha\right) = -\operatorname{tg}\alpha$
Archi la cui somma è uguale a tre archi retti	Archi che differiscono di tre archi retti	
$\operatorname{sen}\left(\frac{3}{2}\pi - \alpha\right) = -\cos\alpha$ $\cos\left(\frac{3}{2}\pi - \alpha\right) = -\operatorname{sen}\alpha$ $\operatorname{tg}\left(\frac{3}{2}\pi - \alpha\right) = \operatorname{ctg}\alpha$ $\operatorname{ctg}\left(\frac{3}{2}\pi - \alpha\right) = \operatorname{tg}\alpha$	$\operatorname{sen}\left(\frac{3}{2}\pi + \alpha\right) = -\cos\alpha$ $\cos\left(\frac{3}{2}\pi + \alpha\right) = \operatorname{sen}\alpha$ $\operatorname{tg}\left(\frac{3}{2}\pi + \alpha\right) = -\operatorname{ctg}\alpha$ $\operatorname{ctg}\left(\frac{3}{2}\pi + \alpha\right) = -\operatorname{tg}\alpha$	