

Funkce sin a cos jsou oproti sobě posunuty o  $\pi/2$

$$\cos(3x - \pi/2) = \sin(3x)$$

$$\sin(3x - \pi/2) = \cos(3x - \pi) = -\cos(3x)$$

Součtový vzorec

$$\sin(3x) - \cos(3x) = -\sqrt{2}(\cos(\pi/4 + 3x))$$

0	0	-1
$\pi/12$	0,261799388	0
$\pi/6$	0,523598776	1
$\pi/4$	0,785398163	1,414213562
$\pi/3$	1,047197551	1
$5\pi/12$	1,308996939	0
$\pi/2$	1,570796327	-1
$7\pi/12$	1,832595715	-1,414213562
$2\pi/3$	2,094395102	-1
$3\pi/4$	2,35619449	0
$5\pi/6$	2,617993878	1
$11\pi/12$	2,879793266	1,414213562
$\pi$	3,141592654	1
$13\pi/12$	3,403392041	0
$7\pi/6$	3,665191429	-1
$5\pi/4$	3,926990817	-1,414213562
$4\pi/3$	4,188790205	-1
$17\pi/12$	4,450589593	0
$3\pi/2$	4,71238898	1
$19\pi/12$	4,974188368	1,414213562
$5\pi/3$	5,235987756	1
$7\pi/4$	5,497787144	0
$11\pi/6$	5,759586532	-1
$23\pi/12$	6,021385919	-1,414213562
$2\pi$	6,283185307	-1

Perioda  $2\pi/3$

