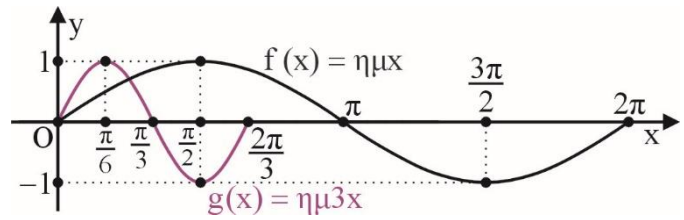


Β ΛΥΚΕΙΟΥ ΑΛΓΕΒΡΑ

15.5 1)

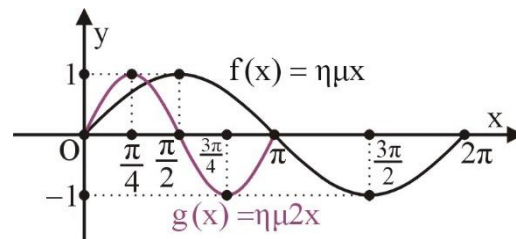
Η συνάρτηση $g(x) = \eta\mu 3x$ έχει περίοδο $T = \frac{2\pi}{\omega} = \frac{2\pi}{3}$

x	0	$\frac{\pi}{6}$	$\frac{\pi}{3}$	$\frac{\pi}{2}$	$\frac{2\pi}{3}$	π	$\frac{3\pi}{2}$	2π
$f(x) = \eta\mu x$	0			1		0	-1	0
$g(x) = \eta\mu 3x$	0	1	0	-1	0			



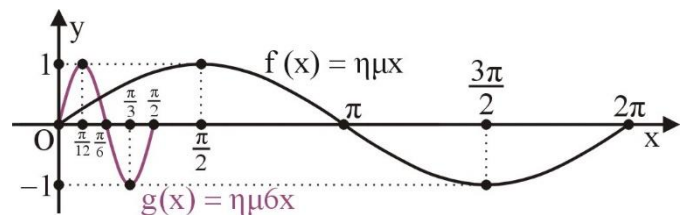
15.5 2)

x	0	$\frac{\pi}{4}$	$\frac{\pi}{2}$	$\frac{3\pi}{4}$	π	$\frac{3\pi}{2}$	2π
$f(x) = \eta\mu x$	0		1		0	-1	0
$g(x) = \eta\mu 2x$	0	1	0	-1	0		



15.5 3)

x	0	$\frac{\pi}{12}$	$\frac{\pi}{6}$	$\frac{\pi}{4}$	$\frac{\pi}{3}$	$\frac{\pi}{2}$	π	$\frac{3\pi}{2}$	2π
$f(x) = \eta\mu x$	0					1	0	-1	0
$g(x) = \eta\mu 6x$	0	1	0	-1	0				



15.5 4)

x	0	$\frac{\pi}{2}$	π	$\frac{3\pi}{2}$	2π	3π	$\frac{9\pi}{2}$	6π
$f(x) = \eta\mu x$	0	1	0	-1	0			
$g(x) = \eta\mu \frac{1}{3}x$	0			1		0	-1	0

