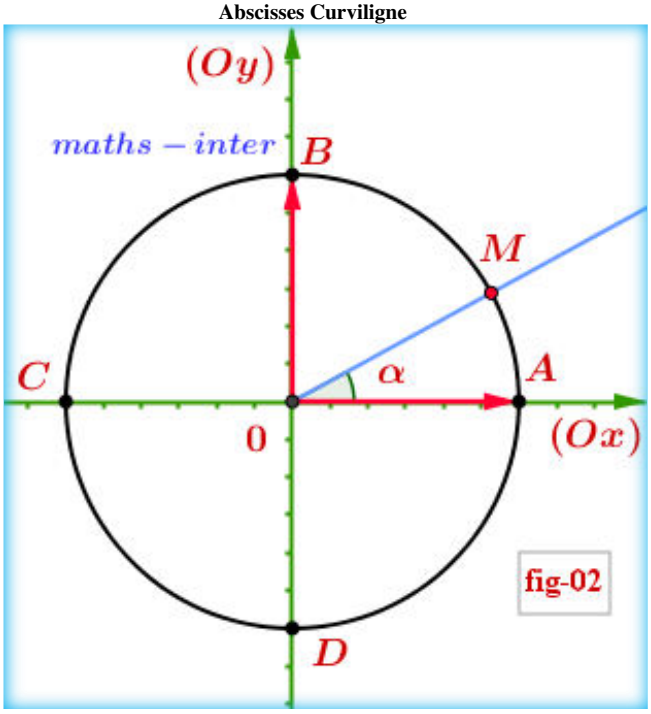
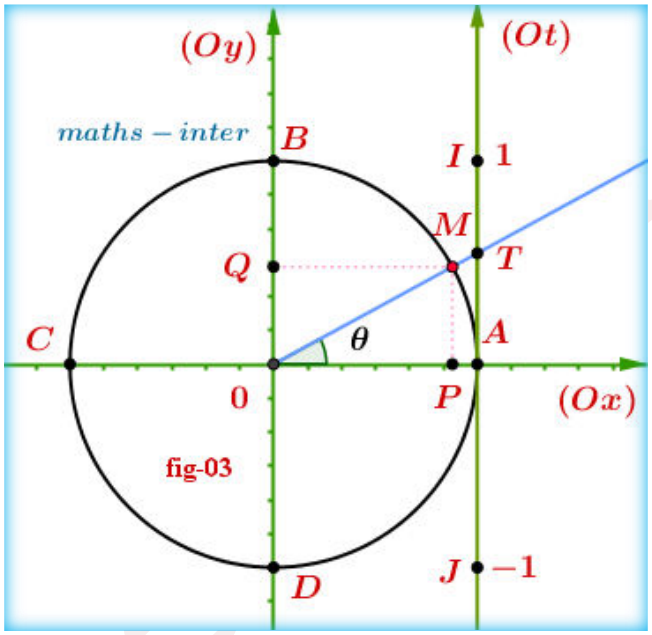
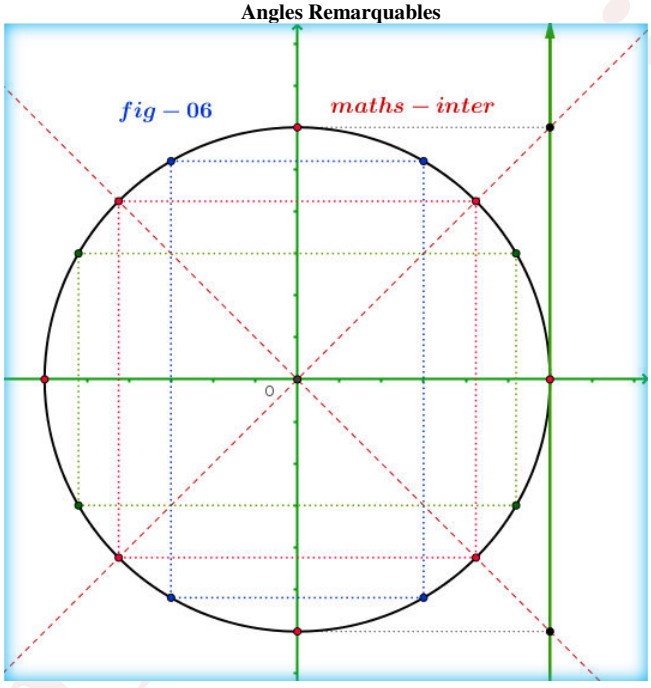
Abscisses Curviligne



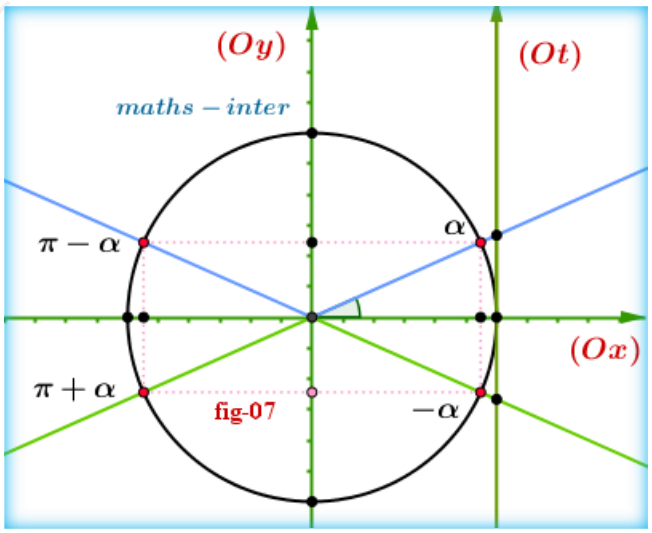
Rapports trigonométriques



Angles Remarquables



Equations Trigonométriques



Formules de transformation :

Les formules de transformation suivantes se déduisent directement du cercle trigonométrique:

$$\sin(\pi-\theta)=\sin\theta$$
$$\cos(\pi-\theta)=-\cos\theta$$
$$\tan(\pi-\theta)=-\tan\theta$$

$$\sin(\pi+\theta)=\sin\theta$$
$$\cos(\pi+\theta)=-\cos\theta$$
$$\tan(\pi+\theta)=-\tan\theta$$

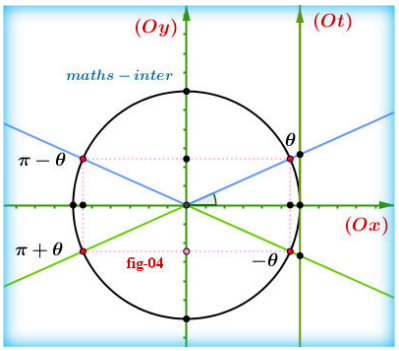


fig-04

$$\sin(\theta+2k\pi)=\sin\theta$$
$$\cos(\theta+2k\pi)=\cos\theta$$
$$\tan(\theta+2k\pi)=\tan\theta$$

$$\sin(-\theta)=-\sin\theta$$
$$\cos(-\theta)=\cos\theta$$
$$\tan(-\theta)=-\tan\theta$$

$$\sin(\pi/2+\theta)=\cos\theta$$
$$\cos(\pi/2+\theta)=-\sin\theta$$
$$\tan(\pi/2+\theta)=-1/\tan\theta$$

$$\sin(-\pi/2+\theta)=-\cos\theta$$
$$\cos(-\pi/2+\theta)=\sin\theta$$
$$\tan(-\pi/2+\theta)=-1/\tan\theta$$

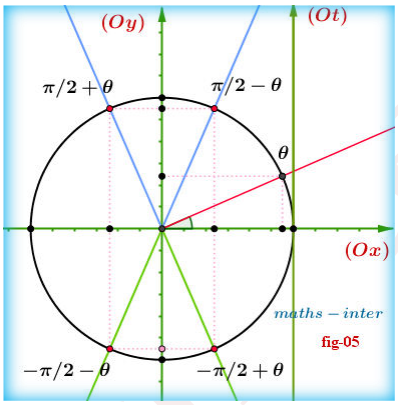


fig-05

$$\sin(\pi/2-\theta)=\cos\theta$$
$$\cos(\pi/2-\theta)=\sin\theta$$
$$\tan(\pi/2-\theta)=1/\tan\theta$$

$$\sin(-\pi/2-\theta)=-\cos\theta$$
$$\cos(-\pi/2-\theta)=-\sin\theta$$
$$\tan(-\pi/2-\theta)=1/\tan\theta$$

Bonne Chance