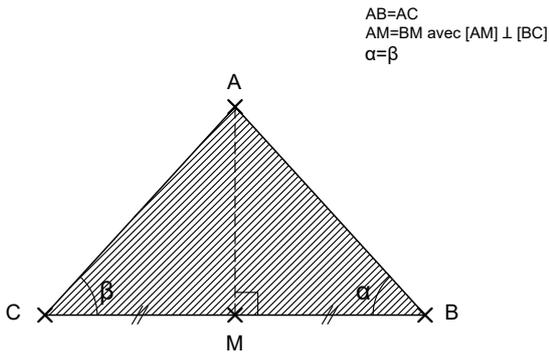
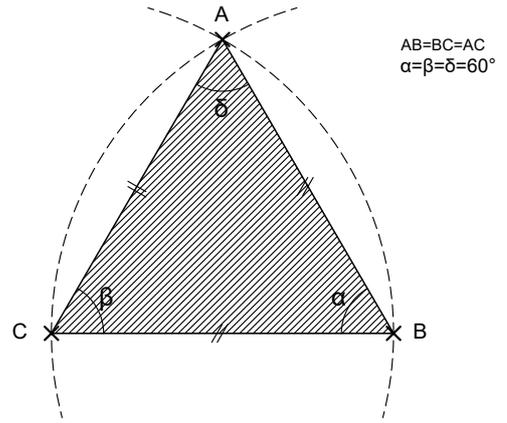


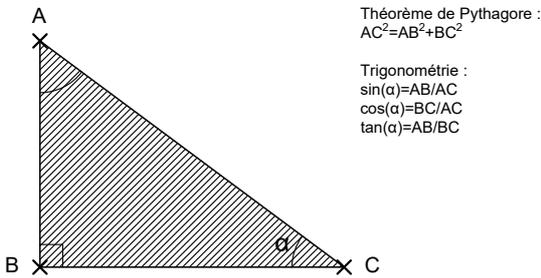
Triangle isocèle



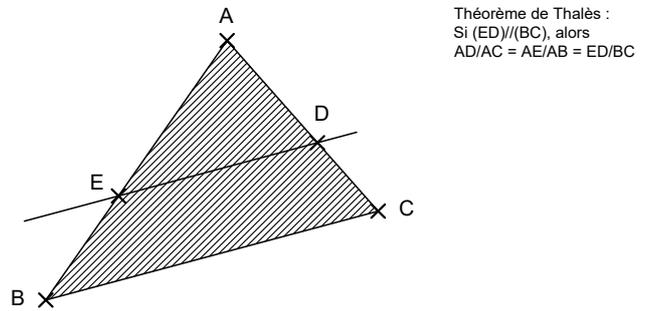
Triangle équilatéral



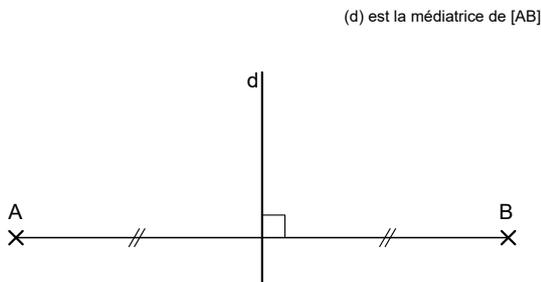
Triangle rectangle



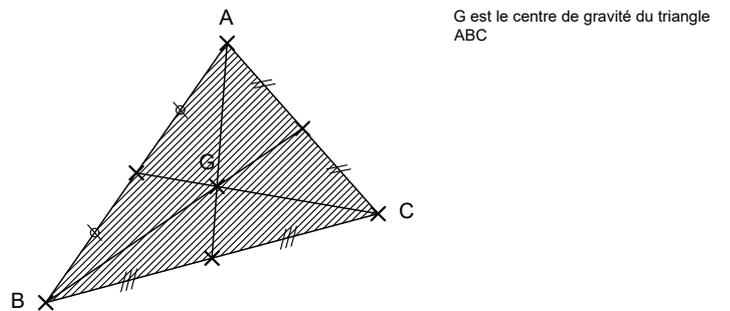
Triangle quelconque



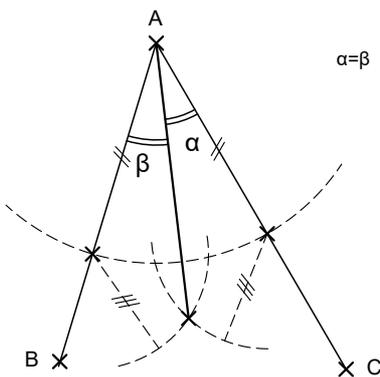
Médiatrice



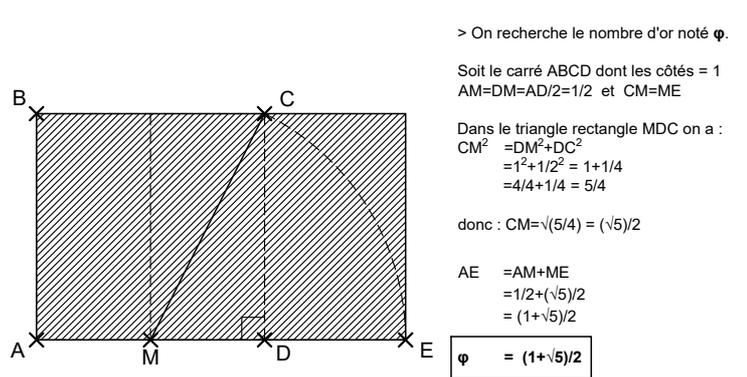
Médiane



Bissectrice



Rectangle d'or



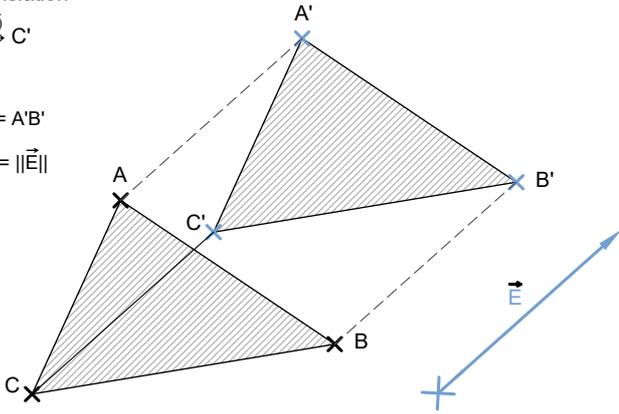
ISOMETRIE

Translation

$\vec{C} \xrightarrow{\text{Tr}(\vec{E})} \vec{C}'$

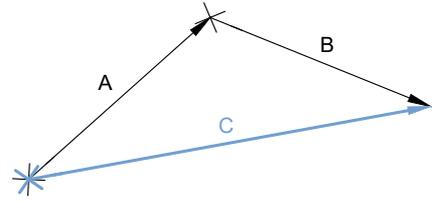
$AB = A'B'$

$AA' = \|\vec{E}\|$



Somme de translations

$\vec{A} + \vec{B} = \vec{C}$

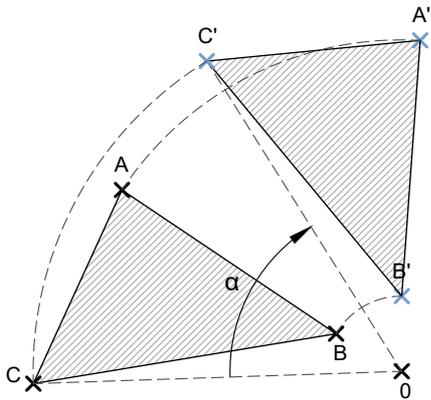


Rotation

$\vec{C} \xrightarrow{\text{Ro}(0,\alpha)} \vec{C}'$

$AB = A'B'$

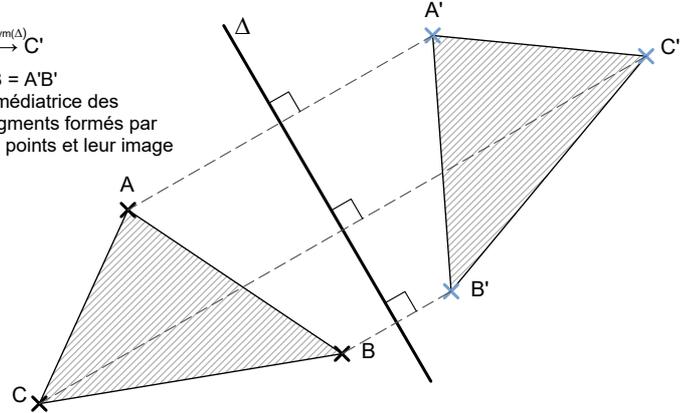
$\widehat{AOA'} = \alpha$



Symétrie axiale

$\vec{C} \xrightarrow{\text{Sym}(\Delta)} \vec{C}'$

$AB = A'B'$   
 $\Delta$  médiatrice des segments formés par les points et leur image

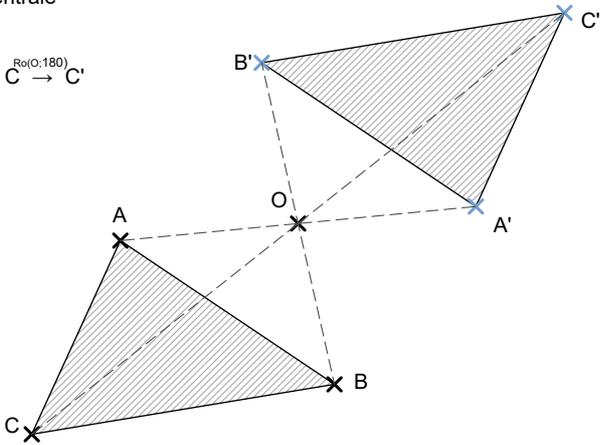


Symétrie centrale

$\vec{C} \xrightarrow{\text{Sym}(O,k)} \vec{C}'$      $\vec{C} \xrightarrow{\text{Ro}(O,180)} \vec{C}'$

$AB = A'B'$

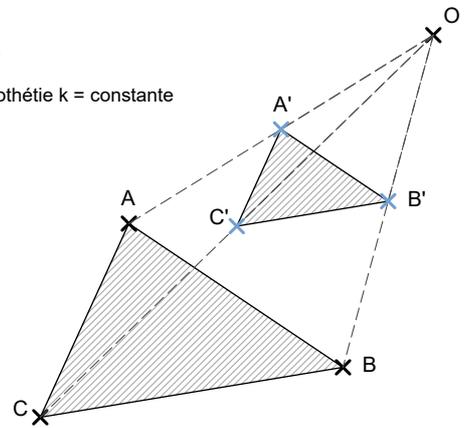
$AO = A'O$



SIMILITUDE  
Homothétie

$\vec{C} \xrightarrow{\text{Hom}(0,k)} \vec{C}' = \vec{C} \xrightarrow{\text{Sym}(0,-k)}$

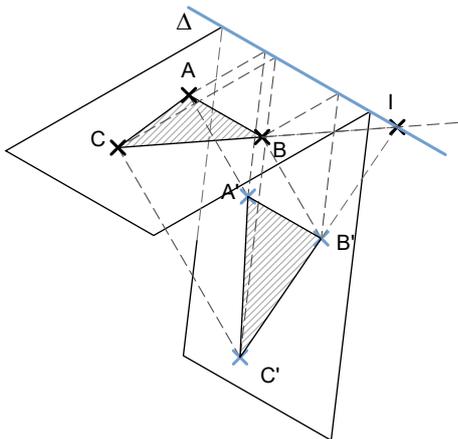
avec le rapport d'homothétie  $k = \text{constante}$



AFFINITE

Axe d'affinité  $\Delta$   
 Direction de l'affinité DIR  
 rapport d'affinité  $k = \text{constante}$

$(BC)$  et  $(B'C')$  se croisent sur  $\Delta$  en  $I$



HOMOLOGIE

Axe d'homologie  $\Delta$   
 Centre d'homologie  $H$

$A, A'$  et  $H$  alignés  
 $(AB)$  et  $(A'B')$  se croisent sur  $\Delta$  en  $I$

