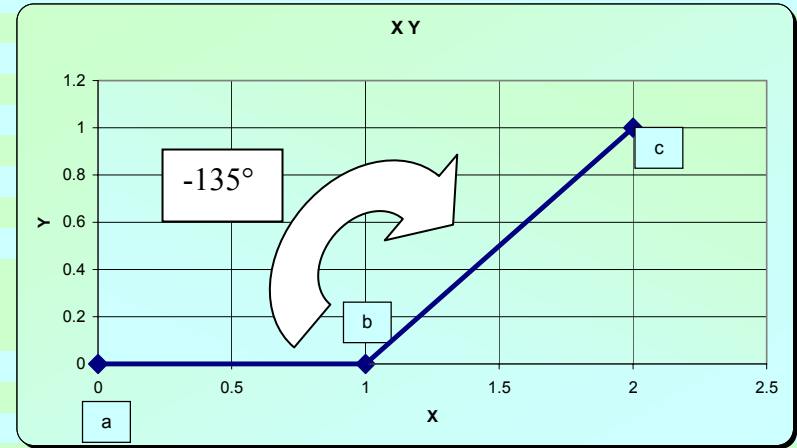


Coordonnées des coudes			
/	x	y	z
a	0	0	0
b	1	0	0
c	2	1	0
d			
e			
f			
g			
h			

/	V1' (b-a)	V2 (b-c)
x	-1	1
y	0	1
z	0	0
$\ V_i\ $	1	1.41
$V_i \cdot V_{i+1} = (x_i \cdot x_{i+1} + y_i \cdot y_{i+1} + z_i \cdot z_{i+1})$	-1	
$\ V_i\ \cdot \ V_{i+1}\ $	1.41	
$\cos \theta = (V_i \cdot V_{i+1}) / (\ V_i\ \cdot \ V_{i+1}\)$	-0.71	
Arccos θ / -Arccos θ	135.0	-135.0
$V_i \wedge V_{i+1}$	0	
	0	
	-1	
$\ V_i \wedge V_{i+1}\ $	1.0	
$ \sin \theta = (\ V_i \wedge V_{i+1}\) / (\ V_i\ \cdot \ V_{i+1}\)$	0.71	
Arccsin θ / Arccsin $\theta + 90$	45.0	135.0
Comparaison Arccos\Arccsin	Arccsin θ	Arccos $\theta + 90$
Arccos θ	FAUX	135
- Arccos θ	FAUX	FAUX
Angle (Vi, Vi+1)		135



Coordonnées des coudes			
/	x	y	z
a	0	0	0
b	1	0	0
c	2	-1	0
d			
e			
f			
g			
h			

/	V1' (b-a)	V2 (b-c)
x	-1	1
y	0	-1
z	0	0
$\ V_i\ $	1	1.41
$V_i \cdot V_{i+1} = (x_i \cdot x_{i+1} + y_i \cdot y_{i+1} + z_i \cdot z_{i+1})$	-1	
$\ V_i\ \cdot \ V_{i+1}\ $	1.41	
$\cos \theta = (V_i \cdot V_{i+1}) / (\ V_i\ \cdot \ V_{i+1}\)$	-0.71	
Arccos θ / -Arccos θ	135.0	-135.0
$V_i \wedge V_{i+1}$	0	
	0	
	1	
$\ V_i \wedge V_{i+1}\ $	1.0	
$ \sin \theta = (\ V_i \wedge V_{i+1}\) / (\ V_i\ \cdot \ V_{i+1}\)$	0.71	
Arccsin θ / Arccsin $\theta + 90$	45.0	135.0
Comparaison Arccos\Arccsin	Arccsin θ	Arccos $\theta + 90$
Arccos θ	FAUX	135
- Arccos θ	FAUX	FAUX
Angle (Vi, Vi+1)		135

