Exercice 28

Série 4

```
pointA := matrix([1,5]);
pointB := matrix([7,3]);
pointC := matrix([2,1]);
pointD := matrix([-3,1]);
vecAB := pointB - pointA;
vecCD := pointD - pointC;
cosinusAngleAigu := abs(linalg::scalarProduct(vecAB, vecCD)/norm(vecAB
angleAigu := float(arccos(cosinusAngleAigu) * 180 / PI)
```

$$\begin{pmatrix} 1 \\ 5 \end{pmatrix}$$

$$\begin{pmatrix} 7 \\ 3 \end{pmatrix}$$

$$\begin{pmatrix} 2 \\ 1 \end{pmatrix}$$

$$\begin{pmatrix} -3 \\ 1 \end{pmatrix}$$

$$\begin{pmatrix} 6 \\ -2 \end{pmatrix}$$

$$\begin{pmatrix} -5 \\ 0 \end{pmatrix}$$

$$\frac{3 \cdot \sqrt{10}}{10}$$

$$18.43494882$$