

Descomposición de un Hexaedro convexo de caras cuadriláteras en pirámides de base cuadrilátera

Define el hexaedro

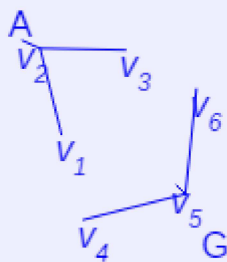
$$A \left(\begin{array}{c} \uparrow \\ \downarrow \end{array} -0.50 \right), \begin{array}{c} \uparrow \\ \downarrow \end{array} -0.50, \begin{array}{c} \uparrow \\ \downarrow \end{array} 0.75 \right) \quad G \left(\begin{array}{c} \uparrow \\ \downarrow \end{array} 0.50 \right), \begin{array}{c} \uparrow \\ \downarrow \end{array} 0.50, \begin{array}{c} \uparrow \\ \downarrow \end{array} -0.75 \right)$$

$$u_1 \left(\begin{array}{c} \uparrow \\ \downarrow \end{array} 0.00 \right), \begin{array}{c} \uparrow \\ \downarrow \end{array} 0.25, \begin{array}{c} \uparrow \\ \downarrow \end{array} -1.00 \right)$$

$$u_2 \left(\begin{array}{c} \uparrow \\ \downarrow \end{array} 1.00 \right), \begin{array}{c} \uparrow \\ \downarrow \end{array} -0.10, \begin{array}{c} \uparrow \\ \downarrow \end{array} 0.00 \right)$$

$$u_3 \left(\begin{array}{c} \uparrow \\ \downarrow \end{array} -0.25 \right), \begin{array}{c} \uparrow \\ \downarrow \end{array} 1.00, \begin{array}{c} \uparrow \\ \downarrow \end{array} 0.00 \right)$$

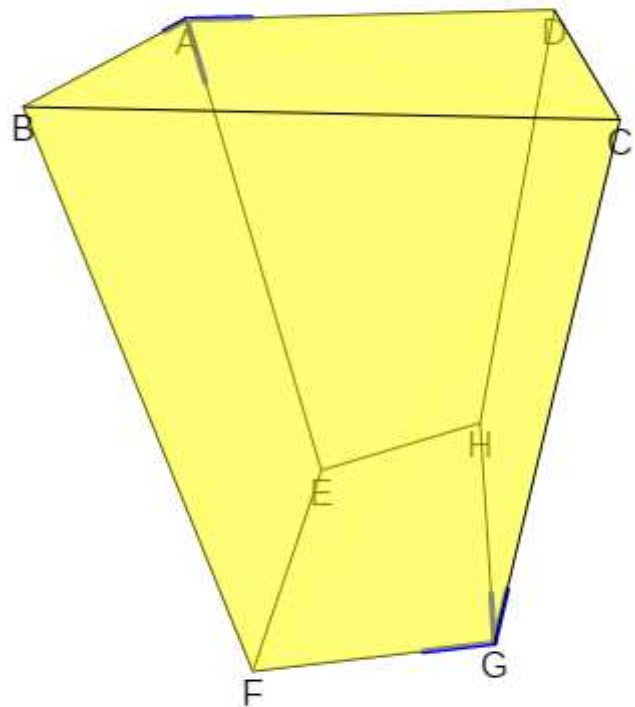
Sentido de las aristas $v_i = u_i / |u_i|$



$$u_4 \left(\begin{array}{c} \uparrow \\ \downarrow \end{array} 0.00 \right), \begin{array}{c} \uparrow \\ \downarrow \end{array} -1.00, \begin{array}{c} \uparrow \\ \downarrow \end{array} -0.25 \right)$$

$$u_5 \left(\begin{array}{c} \uparrow \\ \downarrow \end{array} -1.00 \right), \begin{array}{c} \uparrow \\ \downarrow \end{array} 0.00, \begin{array}{c} \uparrow \\ \downarrow \end{array} 0.00 \right)$$

$$u_6 \left(\begin{array}{c} \uparrow \\ \downarrow \end{array} 0.05 \right), \begin{array}{c} \uparrow \\ \downarrow \end{array} 0.10, \begin{array}{c} \uparrow \\ \downarrow \end{array} 1.00 \right)$$



Indicaciones

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