

Vérifier ses calculs dans C avec WxMaxima

attention aux notations !

$$\begin{aligned} & z:1-2*i; \\ & 1 - 2i \end{aligned}$$

$$\begin{aligned} & \text{conjugate}(z); \\ & 2i + 1 \end{aligned}$$

$$\begin{aligned} & \text{realpart}(z); \\ & 1 \end{aligned}$$

$$\begin{aligned} & \text{imagpart}(z); \\ & -2 \end{aligned}$$

$$\begin{aligned} & 1/z; \\ & \frac{1}{1 - 2i} \end{aligned}$$

$$\begin{aligned} & \text{rectform}(1/z); \\ & \frac{2i}{5} + \frac{1}{5} \end{aligned}$$

$$\begin{aligned} & z1:\text{sqrt}(3)-i; \\ & \sqrt{3} - i \end{aligned}$$

$$\begin{aligned} & \text{abs}(z1); \\ & 2 \end{aligned}$$

$$\begin{aligned} & \text{polarform}(z1); \\ & 2e^{-\frac{i\pi}{6}} \end{aligned}$$

$$\begin{aligned} & z3:-2*(\cos(5*\pi/4)+i*\sin(5*\pi/4)); \\ & -2\left(-\frac{\sqrt{2}i}{2}-\frac{\sqrt{2}}{2}\right) \end{aligned}$$

$$\begin{aligned} & \text{rectform}(z3); \\ & \sqrt{2}i + \sqrt{2} \end{aligned}$$

$$\begin{aligned} & \text{carg}(z3); \\ & \frac{\pi}{4} \end{aligned}$$

$$\begin{aligned} & \text{cabs}(z3); \\ & 2 \end{aligned}$$