**Prof. Mauro La Barbera**

**GONIOMETRIA TABELLA RIEPILOGATIVA ANGOLI NOTEVOLI**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Gradi** | **Radianti** | **Seno** | **Coseno** | **Tangente** | **Cotangente** |
| $$0^{°}$$ | $$0$$ | $$0$$ | $$1$$ | $$0$$ | **Non definita** |
| $$30^{°}$$ | $$\frac{π}{6}$$ | $$\frac{1}{2}$$ | $$\frac{\sqrt{3}}{2}$$ | $$\frac{\sqrt{3}}{3}$$ | $$\sqrt{3}$$ |
| $$45^{°}$$ | $$\frac{π}{4}$$ | $$\frac{\sqrt{2}}{2}$$ | $$\frac{\sqrt{2}}{2}$$ | $$1$$ | $$1$$ |
| $$60^{°}$$ | $$\frac{π}{3}$$ | $$\frac{\sqrt{3}}{2}$$ | $$\frac{1}{2}$$ | $$\sqrt{3}$$ | $$\frac{\sqrt{3}}{3}$$ |
| $$90^{°}$$ | $$\frac{π}{2}$$ | $$1$$ | $$0$$ | **Non definita** | $$0$$ |
| $$120^{°}$$ | $$\frac{2π}{3}$$ | $$\frac{\sqrt{3}}{2}$$ | $$-\frac{1}{2}$$ | $$-\sqrt{3}$$ | $$-\frac{\sqrt{3}}{3}$$ |
| $$135^{°}$$ | $$\frac{3π}{4}$$ | $$\frac{\sqrt{2}}{2}$$ | $$-\frac{\sqrt{2}}{2}$$ | $$-1$$ | $$-1$$ |
| $$150^{°}$$ | $$\frac{5π}{6}$$ | $$\frac{1}{2}$$ | $$-\frac{\sqrt{3}}{2}$$ | $$-\frac{\sqrt{3}}{3}$$ | $$-\sqrt{3}$$ |
| $$180^{°}$$ | $$π$$ | $$0$$ | $$-1$$ | $$0$$ | **Non definita** |
| $$210^{°}$$ | $$\frac{7π}{6}$$ | $$-\frac{1}{2}$$ | $$-\frac{\sqrt{3}}{2}$$ | $$\frac{\sqrt{3}}{3}$$ | $$\sqrt{3}$$ |
| $$225^{°}$$ | $$\frac{5π}{4}$$ | $$-\frac{\sqrt{2}}{2}$$ | $$-\frac{\sqrt{2}}{2}$$ | $$1$$ | $$1$$ |
| $$240^{°}$$ | $$\frac{4π}{3}$$ | $$-\frac{\sqrt{3}}{2}$$ | $$-\frac{1}{2}$$ | $$\sqrt{3}$$ | $$\frac{\sqrt{3}}{3}$$ |
| $$270^{°}$$ | $$\frac{3π}{2}$$ | $$-1$$ | $$0$$ | **Non definita** | $$0$$ |
| $$300^{°}$$ | $$\frac{5π}{3}$$ | $$-\frac{\sqrt{3}}{2}$$ | $$\frac{1}{2}$$ | $$-\sqrt{3}$$ | $$-\frac{\sqrt{3}}{3}$$ |
| $$315^{°}$$ | $$\frac{7π}{4}$$ | $$-\frac{\sqrt{2}}{2}$$ | $$\frac{\sqrt{2}}{2}$$ | $$-1$$ | $$-1$$ |
| $$330^{°}$$ | $$\frac{11π}{6}$$ | $$-\frac{1}{2}$$ | $$\frac{\sqrt{3}}{2}$$ | $$-\frac{\sqrt{3}}{3}$$ | $$-\sqrt{3}$$ |
| $$360^{°}$$ | $$2π$$ | $$0$$ | $$1$$ | $$0$$ | **Non definita** |