**Prof. Mauro La Barbera**

**GONIOMETRIA TABELLA RIEPILOGATIVA ANGOLI PRIMO QUADRANTE**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Gradi** | **Radianti** | **Seno** | **Coseno** | **Tangente** |
| $$0^{°}$$ | $$0$$ | $$0$$ | $$1$$ | $$0$$ |
| $$9^{°}$$ | $$\frac{π}{20}$$ | $$\frac{\sqrt{3+\sqrt{5}}-\sqrt{5-\sqrt{5}}}{4}$$ | $$\frac{\sqrt{3+\sqrt{5}}+\sqrt{5-\sqrt{5}}}{4}$$ | $$\frac{4-\sqrt{10+2\sqrt{5}}}{\sqrt{5}-1}$$ |
| $$15^{°}$$ | $$\frac{π}{12}$$ | $$\frac{\sqrt{6}-\sqrt{2}}{4}$$ | $$\frac{\sqrt{6}+\sqrt{2}}{4}$$ | $$2-\sqrt{3}$$ |
| $$18^{°}$$ | $$\frac{π}{10}$$ | $$\frac{\sqrt{5}-1}{4}$$ | $$\frac{\sqrt{10+2\sqrt{5}}}{4}$$ | $$\frac{\sqrt{25-10\sqrt{5}}}{5}$$ |
| $$22^{° }30'$$ | $$\frac{π}{8}$$ | $$\frac{\sqrt{2-\sqrt{2}}}{2}$$ | $$\frac{\sqrt{2+\sqrt{2}}}{2}$$ | $$\sqrt{2}-1$$ |
| $$30^{°}$$ | $$\frac{π}{6}$$ | $$\frac{1}{2}$$ | $$\frac{\sqrt{3}}{2}$$ | $$\frac{\sqrt{3}}{3}$$ |
| $$36^{°}$$ | $$\frac{π}{5}$$ | $$\frac{\sqrt{10-2\sqrt{5}}}{4}$$ | $$\frac{\sqrt{5}+1}{4}$$ | $$\sqrt{5-2\sqrt{5}}$$ |
| $$45^{°}$$ | $$\frac{π}{4}$$ | $$\frac{\sqrt{2}}{2}$$ | $$\frac{\sqrt{2}}{2}$$ | $$1$$ |
| $$54^{°}$$ | $$\frac{3}{10}π$$ | $$\frac{\sqrt{5}+1}{4}$$ | $$\frac{\sqrt{10-2\sqrt{5}}}{4}$$ | $$\frac{\sqrt{25+10\sqrt{5}}}{5}$$ |
| $$60^{°}$$ | $$\frac{π}{3}$$ | $$\frac{\sqrt{3}}{2}$$ | $$\frac{1}{2}$$ | $$\sqrt{3}$$ |
| $$72^{°}$$ | $$\frac{3}{5}π$$ | $$\frac{\sqrt{10+2\sqrt{5}}}{4}$$ | $$\frac{\sqrt{5}-1}{4}$$ | $$\sqrt{5+2\sqrt{5}}$$ |
| $$75^{°}$$ | $$\frac{5}{12}π$$ | $$\frac{\sqrt{6}+\sqrt{2}}{4}$$ | $$\frac{\sqrt{6}-\sqrt{2}}{4}$$ | $$2+\sqrt{3}$$ |
| $$90^{°}$$ | $$\frac{π}{2}$$ | $$1$$ | $$0$$ | **Non definita** |