

$\approx \int \frac{1}{\sqrt{1-x^2}} dx = \arcsin x + C$ — « $\int \frac{1}{\sqrt{1-x^2}} dx = \arcsin x + C$ »

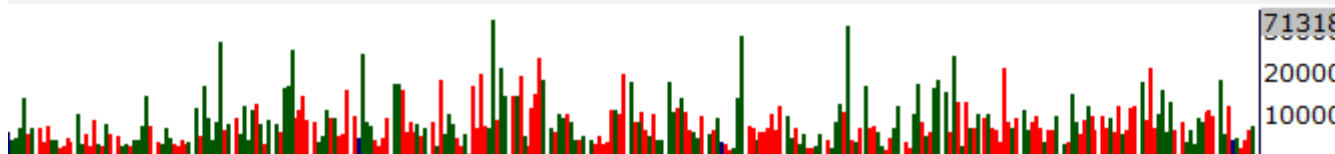
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$\sqrt{1-x^2} = \sqrt{1-0.5^2} = \sqrt{0.75} = \sqrt{\frac{3}{4}} = \frac{\sqrt{3}}{2} \approx 0.866$
 $\sqrt{1-x^2} = \sqrt{1-0.6^2} = \sqrt{0.64} = 0.8$
 $\sqrt{1-x^2} = \sqrt{1-0.7^2} = \sqrt{0.51} \approx 0.714$
 $\sqrt{1-x^2} = \sqrt{1-0.8^2} = \sqrt{0.36} = 0.6$
 $\sqrt{1-x^2} = \sqrt{1-0.9^2} = \sqrt{0.19} \approx 0.436$
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$\sqrt{\frac{L}{r}} \approx \frac{f}{r} - \frac{L}{r}$