$20. \int \frac{x+1}{\sqrt{1-x^2}} dx = \int \frac{1}{\sqrt{1-x^2}} dx + \int \frac{1}{\sqrt{1-x^2}} dx$ $= \int \frac{-1}{2\sqrt{1-x^2}} -2x dx + \int \frac{1}{\sqrt{1-x^2}} dx$ $= \int \frac{1}{2} u^{\frac{1}{2}} du + \int \frac{1}{\sqrt{1-x^2}} dx$ $= \frac{-u^{\frac{1}{2}}}{2\sqrt{2}} + \sin^{\frac{1}{2}} x + \cos^{\frac{1}{2}} x + \cos^$