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$$\frac{x}{\sqrt{2-2x^{2}}} = \int \frac{x+1}{(x-1)^{2}-1} dx = \left[\frac{1+x-1}{x^{2}-1} + \frac{2}{x^{2}+1} + \frac{2}{x^{2}+1} + \frac{2}{x^{2}+1} + \frac{1}{x^{2}+1} + \frac{1}{x^$$

$$\int \frac{x+1}{x^{2}+4x+5} dx = \int \frac{x+1}{(x+2)^{2}+1} dx = \left[\frac{1+x+2}{x+2} + \frac{x+2-2}{x+2}\right] = \int \frac{1+2}{x^{2}+4} + \frac{1}{x^{2}+1} dx = antan + \int \frac{1}{x^{2}+1} dx = antan + \frac{1}{x^{2}+1} \ln(x^{2}+1) - 2antan + c = antan + \frac{1}{x^{2}+1} \ln(x^{2}+1) + c = -antan + \frac{1}{x^{2}+1} \ln(x^{2}+1) + c = -antan + \frac{1}{x^{2}+1} \ln(x^{2}+1) + c$$