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$$\frac{a}{2 + \sin x} dx = \begin{bmatrix} t = t \text{ an } \frac{\pi}{2} & x = 2 \text{ ant en } t \\ dx = \frac{2}{1 + t^{2}} \text{ of } t \end{bmatrix} = \int \frac{1}{2 + \frac{2t}{1 + t^{2}}} \cdot \frac{2}{1 + t^{2}} dt = \int \frac{1}{2 + \frac{2t}{1 + t^{2}}} \cdot \frac{2t}{1 + t^{2}} dt = \int \frac{1}{(t + \frac{\pi}{2})^{2} + \frac{3}{4}} dt = \int \frac{1}{(t + \frac{\pi}{2})^{2} + \frac{3}{4$$