· TABELA DE INTEGRAÍS .

21)
$$\int \frac{du}{\sqrt{a^2-u^2}} = ancsen(\frac{u}{a}) + k, a>0$$
; 22) $\int \frac{du}{a^2+u^2} = \frac{1}{a}anctg(\frac{u}{a}), a \neq 0$; 23) $\int \frac{du}{u\sqrt{u^2-a^2}} = \frac{1}{a}ancsec(\frac{u}{a}) + k, a>0$;

$$24) \int \frac{du}{a^2 - u^2} = \frac{1}{2a} \ln \left| \frac{u + a}{u - a} \right| + k, a \neq 0; \quad 26) \int \frac{du}{u^2 - a^2} = \frac{1}{2a} \ln \left| \frac{u - a}{u + a} \right| + k, a \neq 0;$$

(29)
$$\left(\frac{du}{\sqrt{u^2+a^2}} - \ln(u+\sqrt{u^2+a^2}) + k, a>0; a>0; a>0\right) \frac{du}{\sqrt{u^2-a^2}} = \ln(u+\sqrt{u^2-a^2}) + k, u>a>0;$$