$$\int R\left(x, \left(\frac{ax+b}{cx+d}\right)^{m/n}, \ldots, \left(\frac{ax+b}{cx+d}\right)^{r/s}\right)dx$$

where **a, b, c, d** – real numbers (some may be equal **0**);

m, n, r, s – positive integer;

R(…) – rational function of its arguments.

The application of this substitution leads to the integral of a rational function.

Therefore, such a substitution is called rationalizing.