$$f(t) = A_0 + \sum_{n=1}^{\infty} A_n \sin(n\omega t + \varphi_n) = \frac{a_0}{2} + \sum_{n=1}^{\infty}(a_n \cos nx + b_n \sin nx)$$

$$\omega = (g^a b^n) y_0^n = g^{ax_0 \bmod n}(g^{ax_0 \, div \, n} b^{x_0} y_0)^n \bmod n^2$$

$$h(m) \stackrel{?}{=} g^{s_1} s_2^n \bmod n^2$$

$$CR[n] \equiv D - Class[n] \Leftarrow Class[n] \Leftarrow RSA[n,n] \Leftarrow Fact[n]$$

$$\omega^\lambda = (1+n)^{a^{n\lambda} b^{n\lambda}} = (1+n)^{a\lambda} = 1 + a\lambda \bmod n^2$$

$$\begin{cases} s_1 = \dfrac{L(h(m)^\lambda) \bmod n^2}{L(g^\lambda \bmod n^2)} \bmod n \\ s_2 = (h(m) g^{-s_1})^{1/n \bmod \lambda} \bmod n \end{cases}$$

$$\int_L P(x,y)dx + Q(x,y)dy = \int_\alpha^\beta P[\varphi(t), \varphi(t)]\varphi'(t) + Q[\varphi(t), \psi(t)]\psi'(t)dt$$

$$S_n = \{u < n^2 | u = 1 \bmod n\}$$

$$\sum_{\substack{i<3 \\ j<3}} i/j$$

$$(uv)^{(n)} = \sum_{k=0}^{n} C_n^k u^{(n-k)} v^{(k)}$$