

....., « », ,
 .. , - . , .. « », ,

1.

[1]:

$$N(x, y, r, t) = \frac{M}{2fkt\sqrt{1-r^2(t)}} \exp\left\{-\frac{1}{2fkt(1-r(t))^2} \left[(x - m_x(t))^2 - 2r(x - m_x(t))(y - m_y(t)) + (y - m_y(t))^2 \right]\right\} \quad (1)$$

M - , $m_x(t) = m_x^{(0)} + V_x t$, $m_y(t) = m_y^{(0)} + V_y t$, $r(t) = r_0 + \check{S}t | < 1$, k

t - , , $(m_x^{(0)}, m_y^{(0)})$ - ,
 (V_x, V_y) - .

2.

(x_0, y_0) .

t (1),

[2].

$$f(t) = N(x_0, y_0, r_0, t) \quad (2)$$

3.

. C (2)

$\{(x_1, y_1), (x_2, y_2), \dots, (x_n, y_n)\}$.

[3,4].

$$(T_1, T_2, \dots, T_n) \quad , \quad T_0.$$

$$[(x_i, y_i); (x_{i+1}, y_{i+1})] \quad [T_i, T_{i+1}]$$

$$R_{i,i+1} = \int_{T_i}^{T_{i+1}} (a_0 + a_1 t) dt,$$

$$a_0 = \frac{f(x_1, y_1, T_1) \cdot T_2 - f(x, y, T) \cdot T_1}{T_2 - T_1}, a_1 = \frac{f(x_2, y_2, T_2) - f(x_1, y_1, T_1)}{T_2 - T_1} \quad (3)$$

(3).

4.

(k_1, k_2)

k_1

k_2

1.

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2.

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3.

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4.

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