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V_m , $G(x, x') = G(x - x') + G(x + x') + G(2L - x - x')$, $G(x) = H_\xi(x)[1 + \frac{wx}{\xi^2}(1 - \frac{x^2}{\xi^2})]$, H_ξ ξ (

R. [7]), $\xi = \sqrt{2D_V \text{APD}^*}$ $w = 2D_V/c\upsilon^*$

$c\upsilon^*$,), D_V (*

V_m

$V_m = D_V \partial_x^2 V_m - I_{\text{ion}}$.

$T_n(x) \equiv A_n(x) + D_n(x)$

[7,14]

$$T_n(x) = \tau + \int_0^x \frac{dx'}{c\upsilon[D_n(x')]} - \int_0^x \frac{dx'}{c\upsilon[D_{n-1}(x')]}, \quad (3)$$

τ ($x = 0$).

f_a

f_c.

f_c/C

$$c'(x) = \frac{c^3(x) - (r-1)c(x) - \alpha \quad a'(x)}{(r-1) - 3c^2(x)}. \qquad (10)$$

ђ , ђ ' $c \sim 0$ ђ $r > r_2(\ )$,

$c(x) = c_- = \pm\sqrt{(r-1)/3}$, ђ

$c(x)$ ђ ih ђ

ђ $\alpha d(x)$. (8) ђ , $(r-1)c = c^3 + \alpha d$

ђ ђ $c(x)$ ђ ђ

ђ $c(x) = c_+ = \mp 2\sqrt{(r-1)/3}$

ђ $r_1(\ )$)R. 7|

ђ $\beta = 0$

ђ ђ $r_1(\ ) = 1 - \eta + 3\eta\xi^{2/3}/$

$(4 \quad ^{2/3})$ $1 - \eta + \xi^2(w\ )^{-1}$ ђ ђ

ђ

$\eta = \alpha\gamma$. ђ , ђ ђ

$4\pi\xi^{2/3} \quad ^{1/3}/\sqrt{3}$ $2\pi(w\ )^{1/2}$ ђ

)R. 7|

$\beta \neq 0$. (ђ).

/ ђ ђ ђ

ђ ђ

, ђ .1( )|,

$c(x) = c_n(x) = -c_{n+1}(x)$. (8).

.(8) ђ x

$\cdots$ $)$ $\cdots$ $|c_+|$ $(\cdots h \cdots)$ $\cdots$ $r = 1.2$ $\cdots$

$10.$ $\cdots$, $|c_-|$ $\cdots$ $|c_+|$ $\cdots$

$\cdots h \cdots$, $\cdots h \cdots$

$|c_\pm|$