- , h, h,

M. A. H f_{1} , h^{*} M. S f_{1} , $h^{\dagger} \not f_{2}$, T. J. Sh f_{2} , 2.1

¹Department of Mathematics, North Carolina State University, Raleigh, North Carolina 27695, USA ²National Institute of Standards and Technology, Boulder, Colorado 80305, USA (R + 21 JL + 2012; + 1 + 26 JL = 2012)

N ! f -12 1 ff T ſ • T confined 🖞 🤰 £ .4 M 🔮 extended 🕤 Sect 1. 11 1 . 1 1/ f 51 ν . P The say for the state of the Logical Content of the same state of ſ • 1 $_{eff} - m \times (m \times h_{ff})$ 111 . ι. W $Lall T3004-\check{S} = \check{m} + (h_0 + m_z)z,$. $-t\tau'$ ${}^{\prime}\iota^{\cdot}$ (1) τ1 🖗 (. (, (, ())) . T . • *t* (> .ff . 🕨 ° 2012 A 🛛 🖳 P 📕 🚛 S 👎 1098-0121/2012/85(21)/214433(7) 214433-1

11.100 $h_0(x,t)z$ 1 • *m_zz*. C :112 ..., *⊢* H , **!** ′′ . <u>n</u> 1 ι <u>1</u> τ. μ. μ. $\begin{array}{c} \mathbf{L} & \mathbf{f} & \mathbf{L} \\ \mathbf{H} > M \cdot \mathbf{T} \\ \mathbf{f} & \mathbf{L} \\ \mathbf{f} & \mathbf{L} \\ \mathbf{f} & \mathbf{f} \\ \mathbf{Q} - \mathbf{I}, \\ \mathbf{g} & \mathbf{f} \\ \mathbf{f$ R f L / / L 1.1 $\begin{array}{c} \mathbf{J} = \begin{bmatrix} \mathbf{J} & \mathbf{J} \\ \mathbf{J} \\$

$\mathcal{N} = \int (1 - 1)^{1/2} dt$)dx,	$\mathcal{P}=\int (A_{n})$	- 1)	dx,
$\mathcal{E}_0 ~=~ rac{1}{2} \int ~ $	$ ^{2} + 2^{2}$	(1 +	$ ^{2}) dx,$	

1 24 ſ j. M. • • • • ι 5 1 $\mathcal{L}_{\mathcal{L}} = \mathcal{L}_{\mathcal{L}} + \mathcal{L}_{\mathcal{L}} +$ ť 21 $(\mathcal{N},\mathcal{P})$ $\begin{array}{c} & & & \\ & & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & & \\ & & & \\ & & & & & \\ & & & & \\ & & & & & \\ & & & & \\ & & & & & \\ & & & & \\ &$

$$+ |V|^2/4 < 1, \quad V = 0, \quad 0 < < 1, \quad V = 0.$$
 (2)

 $f_{1} = \frac{1}{12} \frac{$ W 1.1 v-1/ 5 . 1 . 1 1.10 S.10. f 1. 1, 21 2.... 1.1 • / · · · · 0 ۹. . t! τ.²⁰ Hγ ,**√**- I 1. 1. . W $\begin{array}{c} \mathbf{1} \\ \mathbf{$ ļ

$$\frac{dN}{dt} = -((+h_0)\int y^2 dx - V \cdot \int y^2$$

$\cdot \quad \cdot \quad \cdot \quad \cdot \quad \cdot \quad \cdot \quad \cdot \quad |\nabla h_0|/\alpha \ll 1$

 $|\mathbf{p}| = |\mathbf{p}| = |$ Т $\mathbf{H}_{1} = \mathbf{H}_{1} \cdot \mathbf{W}_{1} \cdot \mathbf{H}_{1} \cdot \mathbf{H}_{2} \cdot \mathbf{H}_{1} \cdot \mathbf{H}_{2} \cdot \mathbf{H}_{1} \cdot \mathbf{H}_{2} \cdot \mathbf{H}_{2}$ f. Pf St. . . . <u>.</u> . . P. 11.10 (3)acceleration f . 1 . 🔮 1 . ;, . W 🖞 **I** 0 • - 11 \$ yet BABY Barthay ar <u>.</u> 10 •1 •1 , **f** ί $\mathbf{f}_{i} = \mathbf{f}_{i} + \mathbf{f}_{i}$ Τļ . ff . 👎 👘 🥢 $\begin{array}{c} \mathbf{v} \\ \mathbf$

$$\hat{\boldsymbol{m}}_{\text{iff}} < \hat{\boldsymbol{P}} / V < 0. \tag{6}$$

 $\begin{array}{c} \mathbf{I} & \mathbf{v} \in \mathbf{V}^{\mathsf{T}} \left(\mathbf{f} \right), \quad \mathbf{v} \in \mathbf{f} \quad \mathbf{f} \in \mathbf{F} \quad \text{support} \quad \mathbf{E} \quad \mathbf{v} \in \mathbf{E} \\ \mathbf{f} \left(\mathbf{f} \right) = \mathbf{E} \left(\mathbf{f} \right) \quad \mathbf{v} \in \mathbf{f} \quad \mathbf{f} \in \mathbf{F} \quad \mathbf{v} \in \mathbf{f} \quad \mathbf{f} \in \mathbf{F} \\ \mathbf{f} \left(\mathbf{f} \right) = \mathbf{f} \quad \mathbf{v} \in \mathbf{F} \\ \mathbf{f} \left(\mathbf{f} \right) = \mathbf{f} \quad \mathbf{v} \in \mathbf{F} \\ \mathbf{f} \left(\mathbf{f} \right) = \mathbf{f} \quad \mathbf{v} \in \mathbf{F} \\ \mathbf{f} \left(\mathbf{f} \right) = \mathbf{f} \quad \mathbf{v} \in \mathbf{F} \\ \mathbf{f} \left(\mathbf{f} \right) = \mathbf{f} \quad \mathbf{f} \\ \mathbf{f} \left(\mathbf{f} \right) = \mathbf{f} \quad \mathbf{f} \quad$

 $\begin{array}{c} \mathbf{A} \\ \mathbf$

.**j**E_∎ . (3)

