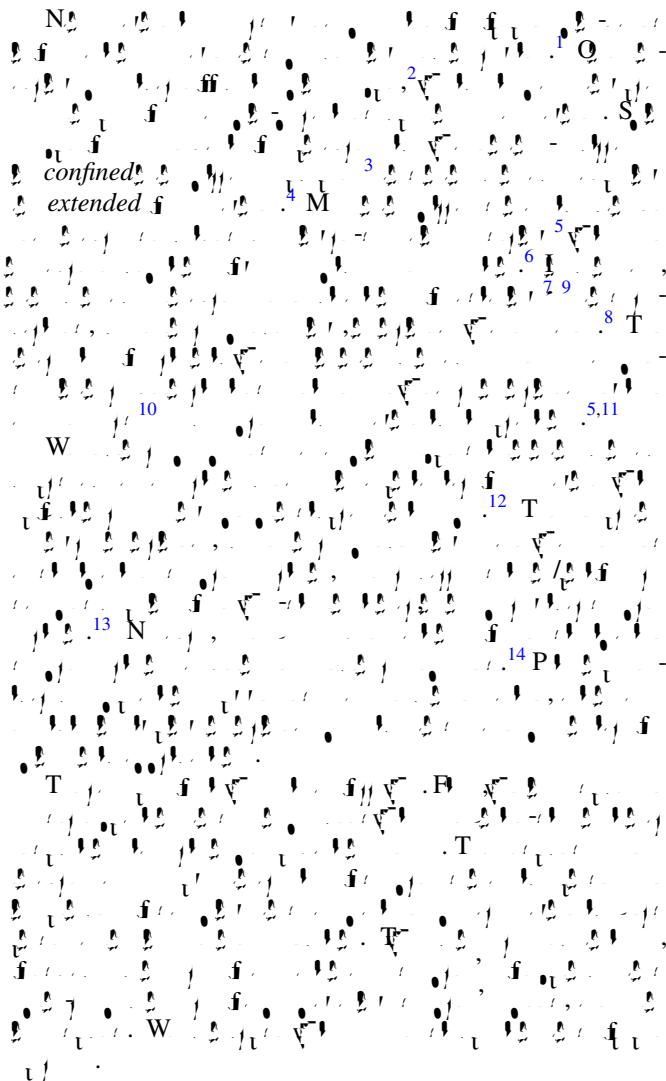


70. 162818 12 114433



TJ-0-1.154,

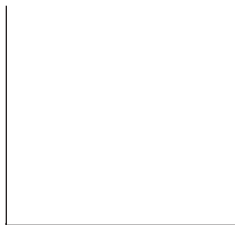
$$L_{eff} = m \times (m \times h_{eff})$$

$$h_{eff} = m + (h_0 + m_z)z, \quad (1)$$

0 < z < 1, T > T_c, m > 0, m_z > 0, m > 2m, ...

$$h_0(x, t) = \frac{m_z z_c}{H} \left[\frac{H}{L} - \frac{\mu_0 M (Q-1)}{L} \right]$$

2.751 T T 0.662 ET 962 G 910 2.661 (T 62.6) 0.4096 0 TD (Š) T125F1 1 Tf =.664 0 TD 0 Tc 05H



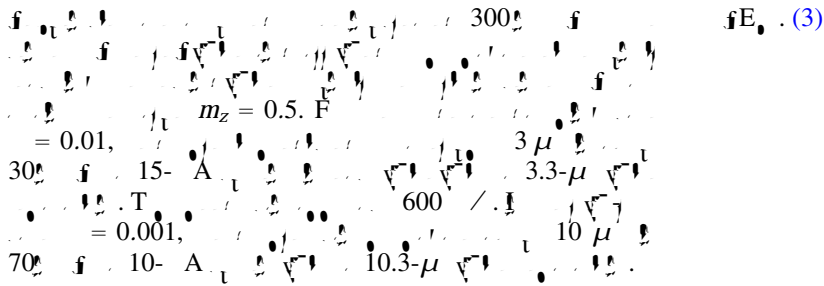


Fig. 3. (Color online) Energy E versus position x for different parameters. The top plot shows E versus x for $m_z = 0.5$, with parameters $A = 0.01$, $T = 15$, and $W = 300$. The bottom plot shows E versus x for $m_z = 0.001$, with parameters $A = 10$, $T = 600$, and $W = 70$. The energy scale is in units of μ , with values 3.3μ and 10.3μ indicated.

... $|\nabla h_0|/\alpha \ll 1$... $|h_0|/\alpha \ll 1$, ...
 ... W ...
 ... Eq. 3, ... (3)

... acceleration ...
 ... 0 ... W ...
 ... $1D$... 23 ...
 ... (5) ... E ... (5) ... $\hat{P} = \hat{m}_{\parallel} V + \hat{m}_{\perp} \hat{V}$,
 ... E ... (3) ... $\hat{P} < 0$,
 ... T ... $(\hat{V} > 0)$...

$$\hat{m}_{\parallel} < \hat{P}/V < 0. \quad (6)$$

...
 ... A ... Eq. 3() ... 3() ...
 ... (6) ... > 0.3 ... W ... $-1 < h_0 < 0$,
 ... $(V, \dots) = (0, 0)$...
 ... Eq. 3() ... switching separatrix. T ...
 ... $(V, \dots) = (0, -h_0)$. L ...

