COSMOLOGICAL DENSITY FLUCTUATIONS PRO-DUCED BY VACUUM STRINGS. Alexander Vilenkin [Phys. Rev. Lett. 46, 1169 (1981)].

On the fifth line after Eq. (1), " $\omega \sim 10^{-2}$ " should be replaced by " $\alpha \sim 10^{-2}$ ." In the line following Eq. (3), replace " $t \gg t_* \sim 10^{34}$  s" by " $t \gg t_* \sim 10^{-34}$ s."

The text and equations from Eq. (11) to Eq. (13) are very confusing, because the string mass density  $\mu$  and the galactic mass  $\mathfrak{M}$  are both printed as  $\mu$ . The text should have read

$$\delta \mathfrak{M}_{M} \sim \left[\nu(M) M^{3} L^{3}\right]^{1/2} \propto M^{1/4}.$$
 (11)

This implies that the dominant contribution to  $\delta \mathfrak{M}$  is given by the largest loops which the region under consideration can be expected to contain:  $\delta \mathfrak{M} \sim M_{\max}$ , where  $\nu (M_{\max}) \mathcal{M}_{\max} L^3 \sim 1$ . The total mass of matter on scale *L* is  $\mathfrak{M} \sim \rho_{\text{dec}} L^3 \sim L^3 / Gt_{\text{dec}}^2$ , and we obtain

$$(\delta \mathfrak{M}/\mathfrak{M})_{\text{dec}} \sim M_{\text{max}}/\mathfrak{M} \sim G \mu (t_{\text{dec}}/G \mathfrak{M})^{1/3}.$$
(12)

Objects of mass  $\mathfrak{M}$  bind at  $t \sim t_B$  when  $\delta \mathfrak{M} / \mathfrak{M} \sim 1$ :

$$t_{B} \sim t_{dec} (\delta \mathfrak{M} / \mathfrak{M})_{dec}^{-3/2} (G \mu)^{-3/2} (G \mathfrak{M} t_{dec})^{1/2} \sim 10^{3} (G \mu)^{-3/2} (\mathfrak{M} / M_{\odot})^{1/2}.$$
(13)

For galactic mass scales ( $\mathfrak{M} \sim 10^{12} M_{\odot}$ ) to bind at ....