 

***ERRATA***

# Paper by M Yu Kagan and K I Kugel' "Inhomogeneous charge distributions and phase separation in manganites"

[*Physics – Uspekhi*, June 2001, **44** (6) 553 – 570]

| Page | Column | Equation or line (up or down) | Reads (sometimes as part of an equation) | Should read |
|---|---|---|---|---|
| 554 | right | 7 up | $(W = 2tz)$. | $(W = 2tz)$, actually $t \sim 0.3$ eV. |
| 556 | right | (9) | $\ldots + \frac{4}{3}\pi \frac{1}{J_{ff}\, zS^2}\left(\frac{R}{a}\right)^3 n \ldots$ | $\ldots + \frac{4}{3}\pi \frac{J_{ff}\, zS^2}{2}\left(\frac{R}{a}\right)^3 n \ldots$ |
| 557 | left | before Fig. 5 | ...optimum energies do. | ...optimum energies of homogeneous states do. |
| 561 | right | (38) | $E_{\text{met}} \approx -\frac{t^2 z}{2V}$. | $E_{\text{met}} \approx -\frac{t^2 z}{2V} = -\frac{W^2}{8Vz}$. |
| | right | (40) | $\ldots \approx -\frac{t^2 z}{2V}\frac{\delta}{\delta_0} - \frac{W^2}{6Vz} \ldots$ | $\ldots \approx -\frac{W^2}{8Vz}\frac{\delta}{\delta_0} - \frac{W^2}{3Vz} \ldots$ |
| 562 | left | (41) | $\ldots + \frac{1}{zJ_{ff}\, S^2}\frac{4}{3}\pi\left(\frac{R}{a}\right)^3 n_{\text{drop}} \ldots$ | $\ldots + \frac{zJ_{ff}\, S^2}{2}\frac{4}{3}\pi\left(\frac{R}{a}\right)^3 n_{\text{drop}} \ldots$ |
| 566 | left | (56) | $\rho \approx 0.53L \ldots$<br>$L = a \ldots$ | $\rho = 0.53L \ldots$<br>$L \approx 0.98a \ldots$ |