ERRATA in the book

Supersymmetric Methods in Quantum and Statistical Physics
Texts and Monographs in Physics, Springer-Verlag, 1996
by Georg Junker

Page 3, Line 6: Replace "... 1972 by ... [VoAk72]" by "... 1973 by ... [VoAk73]."

Page 14, Line 10: Replace "... supercharges are necessarily of ..." by "... supercharges can be taken without loss of generality to be of ...".

Page 14, Footnote 5: Replace footnote by "In general we have $Q = \begin{pmatrix} 0 & A \\ B & 0 \end{pmatrix}$ with $BA = 0 = AB$. Without loss of generality we choose $B = 0$. In the general case where $A \neq 0$ and $B \neq 0$ the SUSY system can be shown to separate into two $N = 2$ SUSY systems".

Page 15, Def. 2.2.3.: Replace $P^\pm$ by $W$ twice.


Page 51, Eq. (4.69): Replace $\Phi$ by $\Phi^\ast$.

Page 51, Eq. (4.74): Product for cosine should start with $k = 0$.

Page 84, Line 14: Replace "... a to unity" by "... $a = \sqrt{2}$".

Page 86, Table 6.2: Replace "... in units of $\hbar^2/2m$" by "... in units of $\hbar^2/2m$ and $a = \sqrt{2}$".

Page 90, Table 6.9: Add "Shown is $2E_n^{\pm}$ in units $\hbar = m = 1$".

Page 94, Eq. (7.7): Replace minus sign by plus sign.

Page 95, Eq. (7.9): Replace $\pm$ by $\mp$.

Page 110, Eq. (8.3): Replace right-hand side by $(4/m)Q^2_1 = (2/m)H_1^{(3)}$.

Page 110, Eq. (8.4): Replace $\vec{v}$ by $m\vec{v}$.

Page 111, Eq. (8.10): Replace $(\sigma_1 + i\sigma_2)$ by $\sigma_+$.  

Page 112, Eq. (8.17): Replace $(\sigma_1 + i\sigma_2)$ by $\sigma_+$.  

Page 117, Eq. (8.40): Add $M^\pm \geq 0$.

Page 119, Fig. 8.2: Replace "PbSn" by "SnTe".

Page 150: Replace [VoAk72] by [VoAk73].


Last update: July 20, 1999