

Typo list & additional information:

1.2: Cowan-Reines experiment was 1956 instead of 1942.

1.4: A clear version of the diagram can be found in Fig. 3 of Rep. Prog. Phys. 76 (2013) 056201.

2.6: There should be no squares in the denominators of both sides of the first equation. (* THANKS TO HENDRIK VOGEL *)

4.5: last formula, h_{ik} and h_{jk} should receive an additional factor of $1/\sqrt{2}$ each, due to the parametrisation of the field η detailed a few lines earlier

4.6: accordingly, the first formula on this page should have a prefactor of $1/(32\pi^2)$ instead of $1/(16\pi^2)$, and the last one should carry a factor of $1/(8\pi^2)$ instead of $1/(16\pi^2)$ (* THANKS TO MORITZ PLATSCHER *)

5.5: In the very last line, $1'$ and $1''$ have to be swapped.