Equations in a crossword?? ¯_(ツ)_/¯

Karthik Ramanathan, 2016

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9			10						
11		12				13			
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15	16			17				18	
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22					23				

- 1. Empty seat in a QM I class?
- 2. $\frac{2}{\sqrt{\pi}} \int_0^n e^{-t^2} dt$
- 3. Fermi built a pile of it
- 4. (G,●)
- 5. Smooth \hat{A}
- 6. Stellar orbiter
- 7. Astro. grad students spend their time polishing it
- 8. Gravitational Waves: a ___ in spacetime
- 9. Nuclear physicists think it's huge
- 10. $n \to p + e^- + ___$
- 11. $\frac{1}{(n-1)!} \lim_{z \to c} \frac{d^{n-1}}{dz^{n-1}} ((z-c)^n f(z))$
- 12. Scalar field, (almost) first of its kind

Super Secret Answer:

$$\overline{4}$$
 $\overline{17}$ $\overline{5}$ $\overline{1}$ $\overline{2}$ $\overline{22}$ $\overline{11}$ $\overline{14}$ $\overline{23}$ $\overline{15}$

- 13. $|\psi\rangle$
- 14. $k \in \mathbb{Z}$
- 15. Wonder why pointy, leading, Spread, basic didn't catch on...
- 16. Lattice wave
- 17. Cause of a messy room?
- $18.\ \mathrm{QFT}$ scribe, first among equals
- 19. --- | ---
- 20. Light / Country / Sunglasses
- 21. ACROSS: Higgs giveth DOWN: e⁻ that let itself go
- 22. Coffee cup, to those more topologically inclined
- 23. The kind of vacation you take from the Standard Model?