

Ms. Particular Presents: Discreet vs. Discrete

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These brief "lessons" are designed to addresss common mistakes in English usage and to administer instruction in small doses.

"Discreet" means circumspect, judicious, showing wise self-restraint

"Discrete" means separate, unconnected, distinct

While discretion (the act of being discreet) is a virtue in science, if you've written "discreet" it's probably wrong

Mnemonic: remember that the t separates the two e's in the "discrete" that means "separate and distinct"

The following examples from *Physical Review Letters* all use "discreet" incorrectly; substitute "discrete" for every instance:

"The appearance of such pronounced, discreet quantum electronic states at room temperature is..." PRL **106**, 137602 (2011).

"In the DCF senario a single discreet state (dark mode) is coupled to two sets of..." PRL **106**, 107403 (2011).

"...rather than just an excitation of discreet atomic levels." PRL **105**m 201801 (2010).

"...quantization, and quantum jumps between discreet energy eigenstates. " PRL **103**, 011402 (2009).

"...2DES density of states, create discreet Landau levels, and bring in delocalized states..." PRL **102**, 216801 (2009).