

Particle in a 2D Rectangle

Consider a 2D rectangular box; construct an Excel spreadsheet similar to the one below completing the first 10 energy levels.

	A	B	C	D	E	F
1	nx	ny	E (ax=1/2ay)	Degeneracy		
2		1	1	5	a=	1
3		1	2	9		
4		2	1	6		
5		2	2	10		
6						
7						
8						
9						
10						