Atomic Number Equation Based on Larson's Triplets

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Where Z represents the Atomic Number, and (a, b, c) is the number triplet representing the atoms:

$$Z+2=\frac{a(a-1)(2a-1)+b(b+1)(2b+1)}{3}+c \tag{1}$$

If a = b then this reduces to

$$Z+2=\frac{2b(2b^2+1)}{3}+c \tag{2}$$

If a = b + 1 then it reduces to

$$Z+2=\frac{2b(b+1)(2b+1)}{3}+c \tag{3}$$

a=b		**a = b+1**				
a	**b**	**a**	**b**	**Range of c**	**Z**	**Range of Z**
		2	**1**	-1 to 4	c + 2	1 to 6
2	**2**			-4 to 4	c + 10	6 to 14
		3	**2**	-4 to 9	c + 18	14 to 27
3	**3**			-8 to 9	c + 36	28 to 45
		4	**3**	-8 to 16	c + 54	46 to 70
4	**4**			-15 to 16	c + 86	71 to 102
		5	**4**	-15 to -1	c + 118	103 to 117

Equation (1) is exactly representative of Dewey's algorithm.

Equations (2) and (3) are just simplifications of Equation (1) when a = b and a = b + 1 respectively.

Some specific examples:

Larsonium[1] 5-4-(1) substituted into Equation (3) gives Z = 117 as expected, however there is an interesting aside to consider, despite its counter-intuitive appearance and it requires some interpretation within RS too.

1 Not an "official" name for the element; also identified as *Farnsium* in *Futurama* episode, "Near-Death Wish."

Atom / Particle	**Atomic Number**	
	a-b-c	**Z**
	0-0-(1)	-3
Electron	1-0-(1)	-3
Rotational base	1-0-0	-2
	0-0-0	-2
	0-0-1	-1
Positron	1-0-1	-1
Neutrino	1-1-(1)	-1
Neutron	1-1-0	0
Deuteron	1-1-0	0
Alpha Particle	1-1-0	0
Deuterium	1-1-1	1