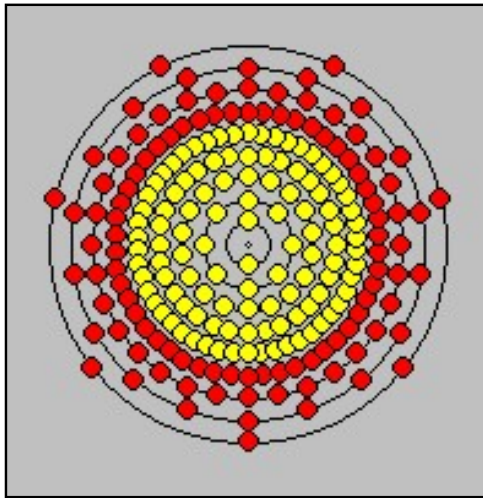


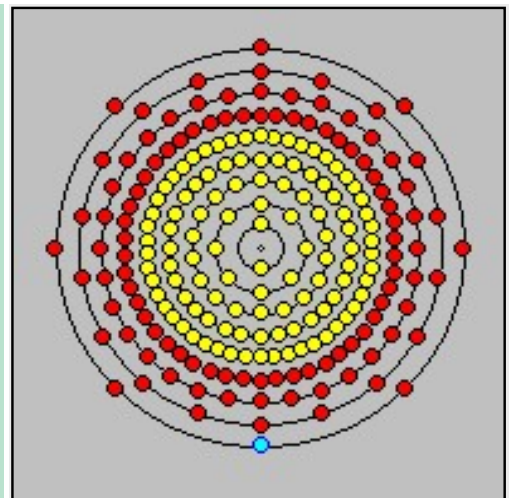
<u>F</u>	<u>Cl</u>	<u>Br</u>	<u>I</u>	<u>At</u>	<u>Uus</u>	<u>Uhs</u>	<u>Bus</u>
9	17	35	53	85	117	167	217

Biunseptium

Symbol	Bus
Atomic Number	217 halogens
Relative Atomic Mass $^{12}\text{C} = 12.0000$	[-]
<u>Significant Atomic Mass</u>	620 Neutrons 403
Atomic Radius pm	-
First Ionisation Energy kJ mol ⁻¹	-
Electronegativity	-
Density kg m ⁻³	-
Molar Volume cm ³	-
Thermal Conductivity W m ⁻¹ K ⁻¹	-
Melting Point	-
Boiling Point	-
Number of Isotopes	-
Inner + outer Shells	5 + 4 = 9
Inner + outer Orbitals	110 + 107 = 217
Filling Orbital	9p ⁵
Ground State Electron Configuration	[Uho] 6g ¹⁸ 7f ¹⁴ 8d ¹⁰ 9p ⁵
Ground State Electron Configuration with free Orbitals (n=1)	
	0,0,0,0,0,0,0, 0, 1

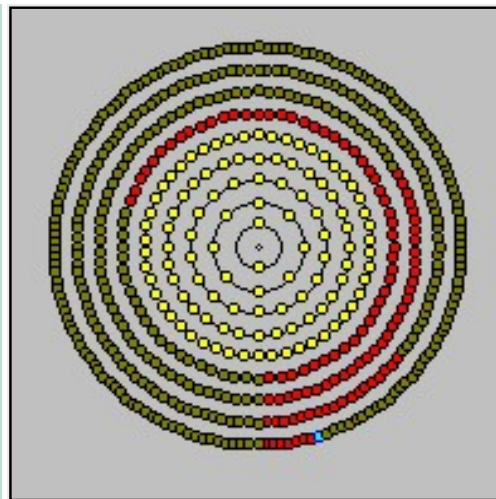


2, 8, 18, 32, 50, 50, 32, 18, 7



Ground State Electron Configuration with compressed Orbitals (n=352)

0,0,0,0,0, 22, 66, 110, 154



Singularity

570 = 110 + 107 + 1 + 352

	s	p	d	f	g	h	i	j		
1	2									
2	2	6								
3	2	6	10							
4	2	6	10	14						
5	2	6	10	14	18					
6	2	6	10	14	18	22				
7	2	6	10	14	18	22	26			
8	2	6	10	14	18	22	26	30		
9	2	5	1	10	14	18	22	26	30	34
10										

Term Symbol

$2P^{\circ}_{3/2}$

Discovery

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Name Derived From

IUPAC