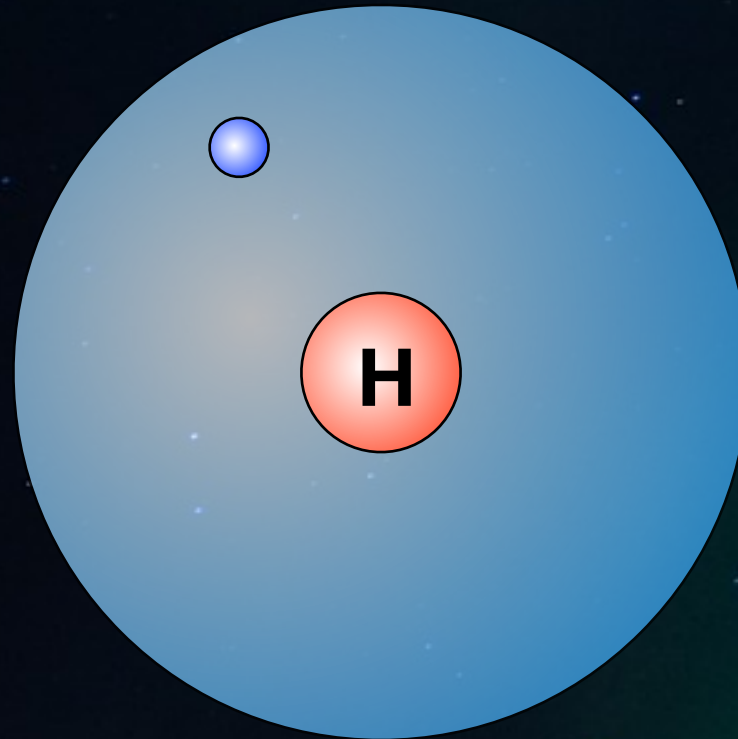
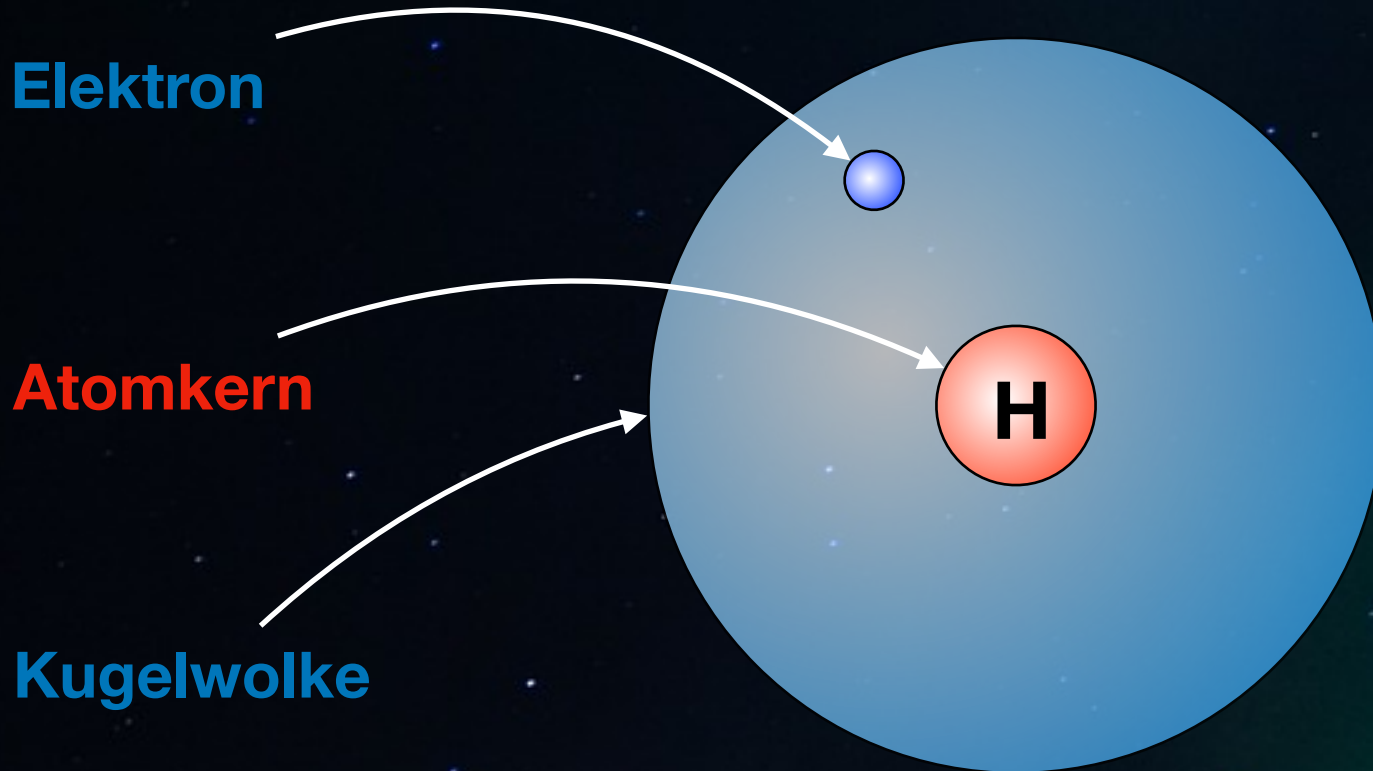


# Das Wasserstoff-Atom

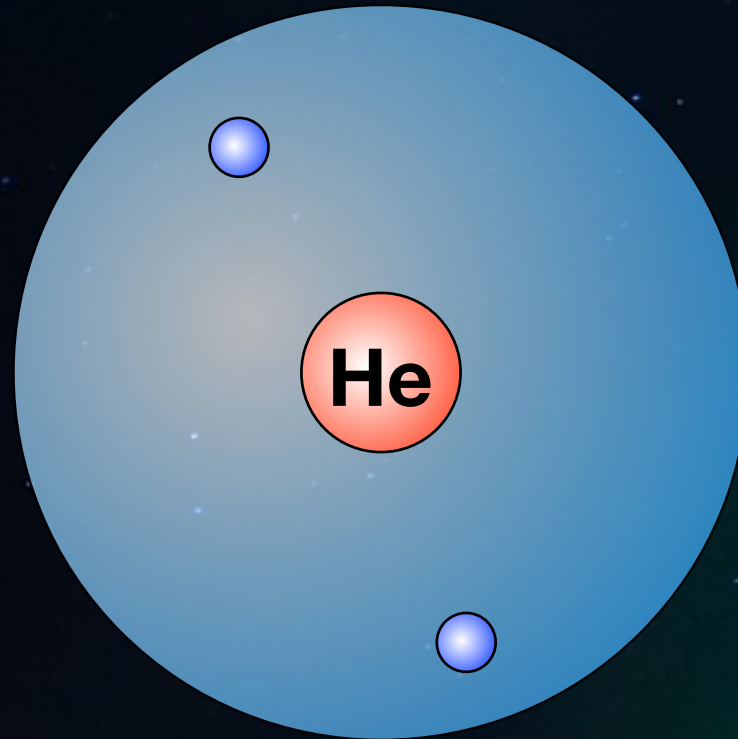


# Das Wasserstoff-Atom



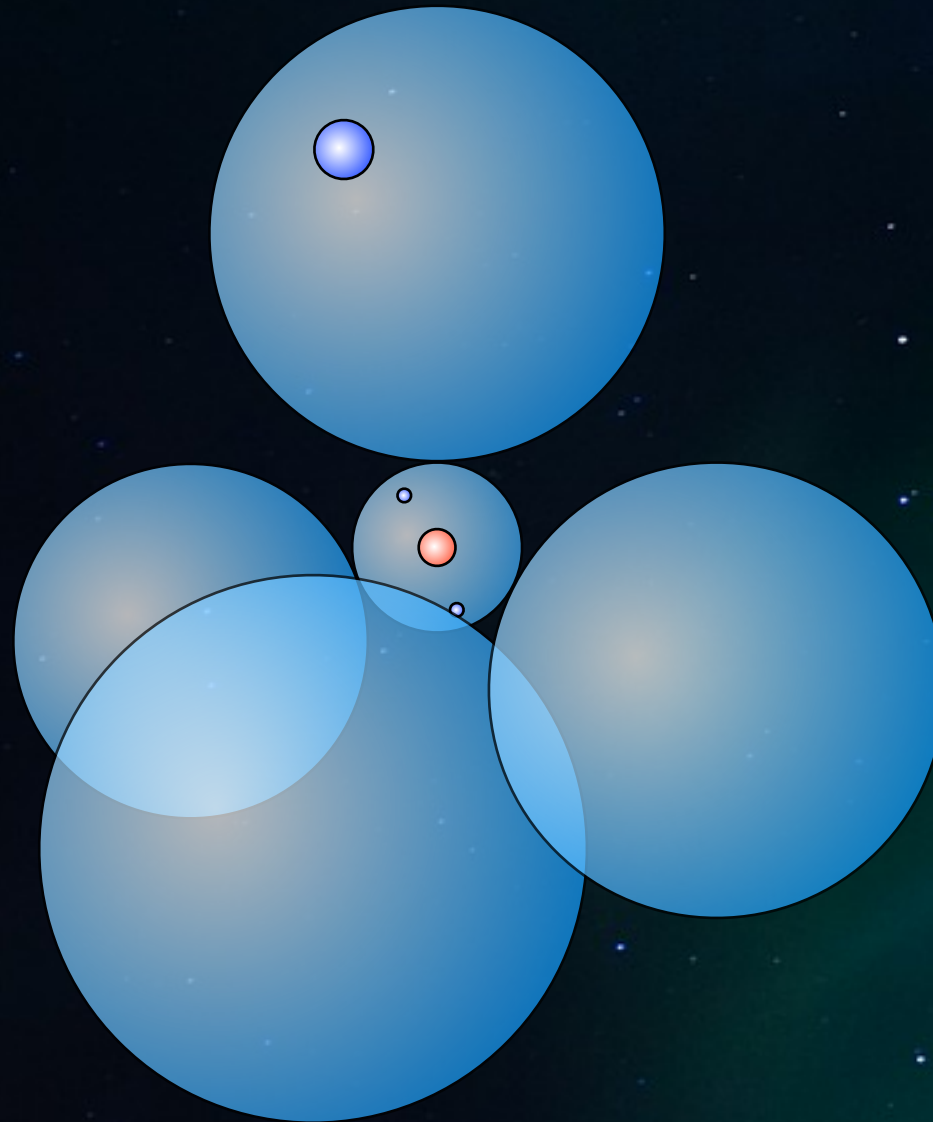
**Elektronenkonfiguration:  $K^1$**

# Das Helium-Atom



Elektronenkonfiguration:  $K^2$

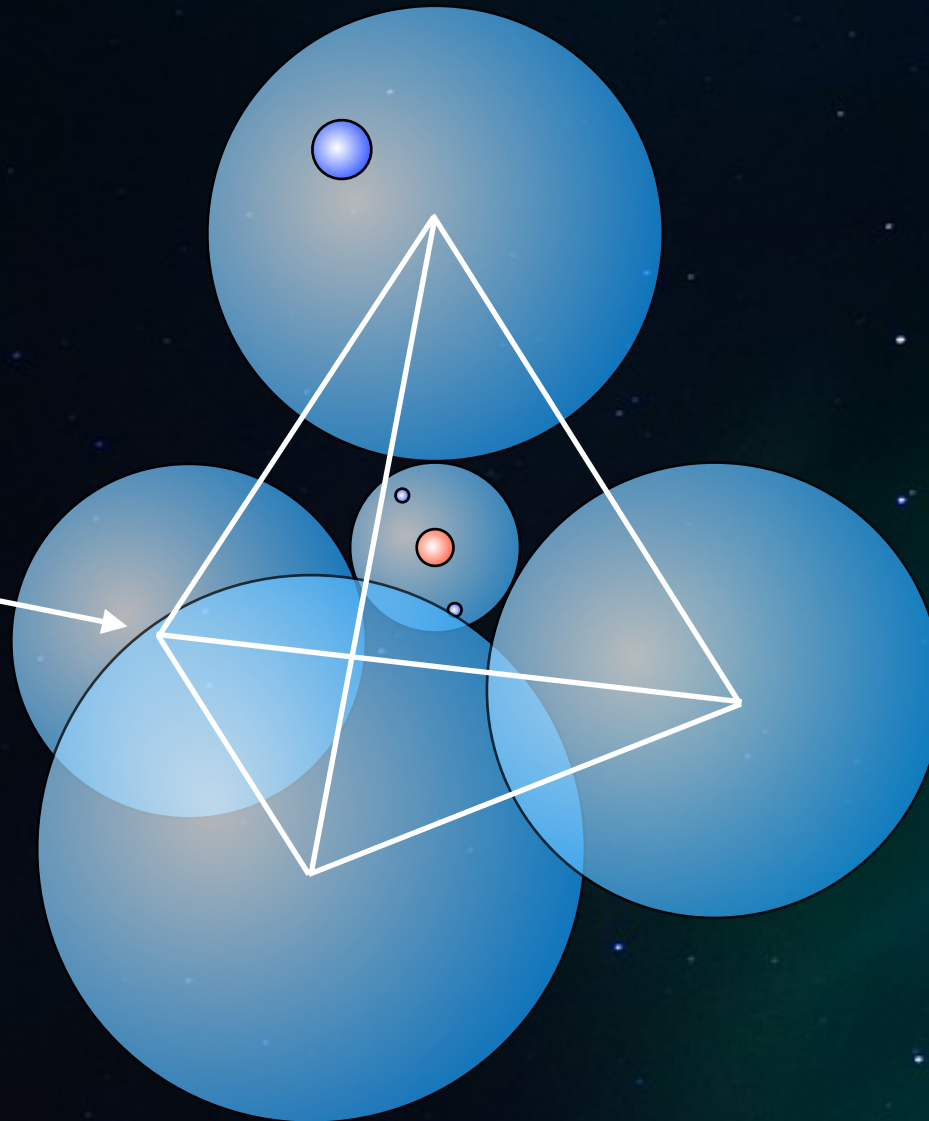
# Das Lithium-Atom



Elektronenkonfiguration:  $K^2 L^1$

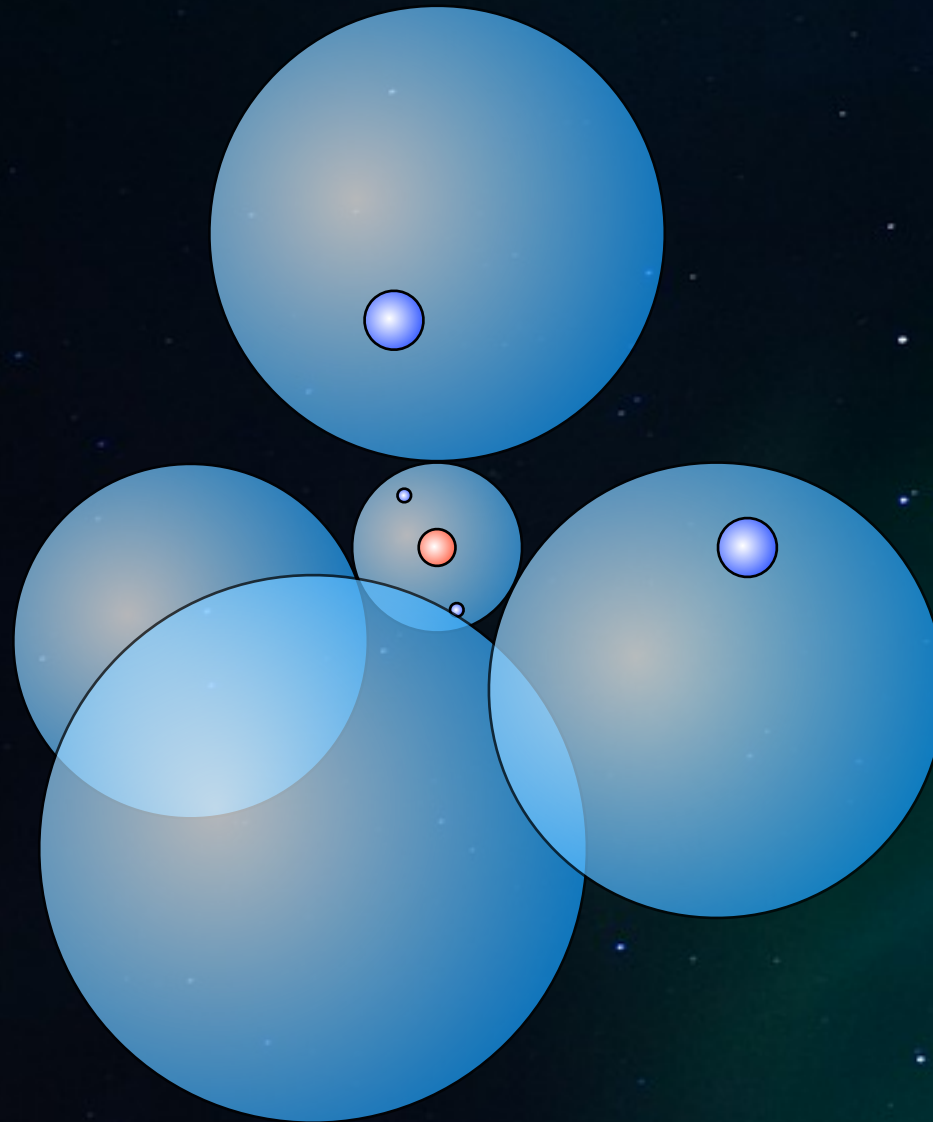
# Das Lithium-Atom

Die vier  
Kugelwolken  
befinden sich in  
den Ecken eines  
Tetraeders



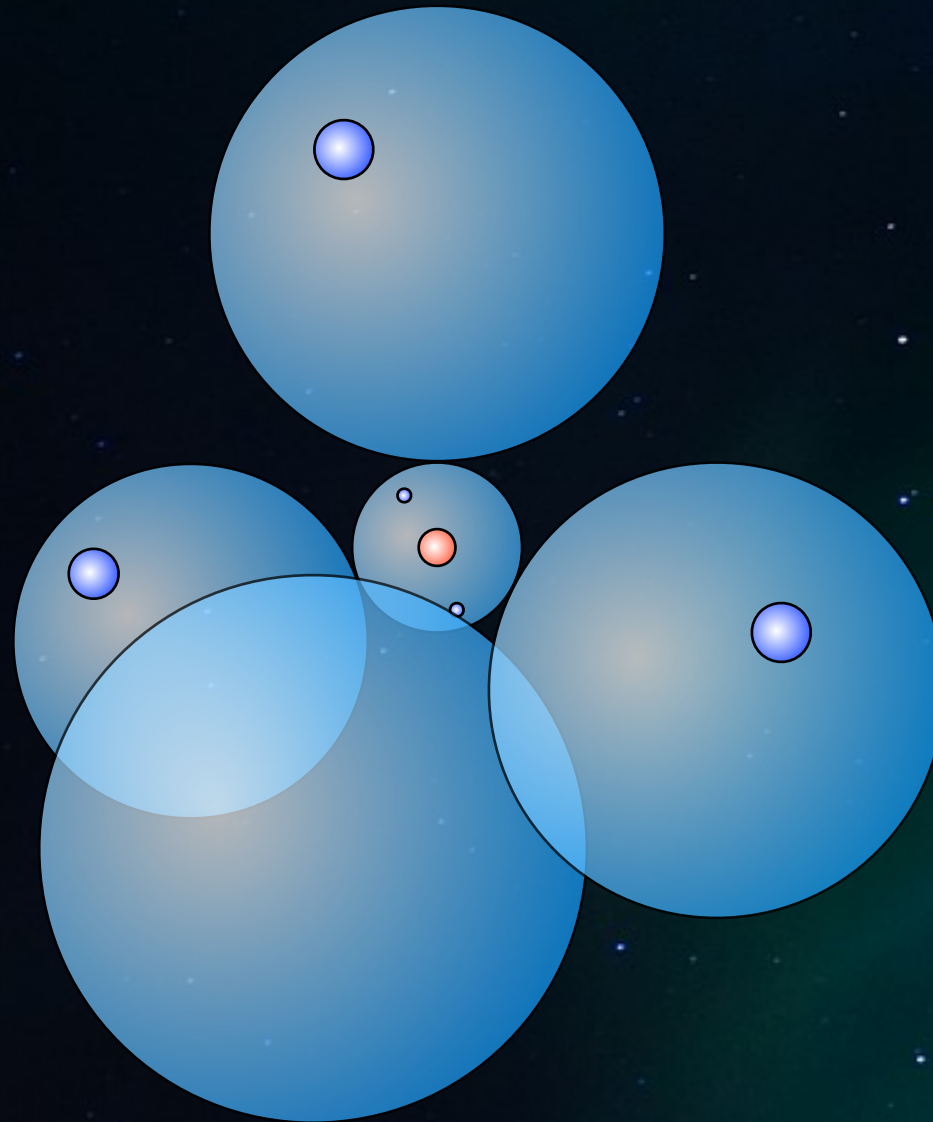
Elektronenkonfiguration:  $K^2 L^1$

# Das Beryllium-Atom



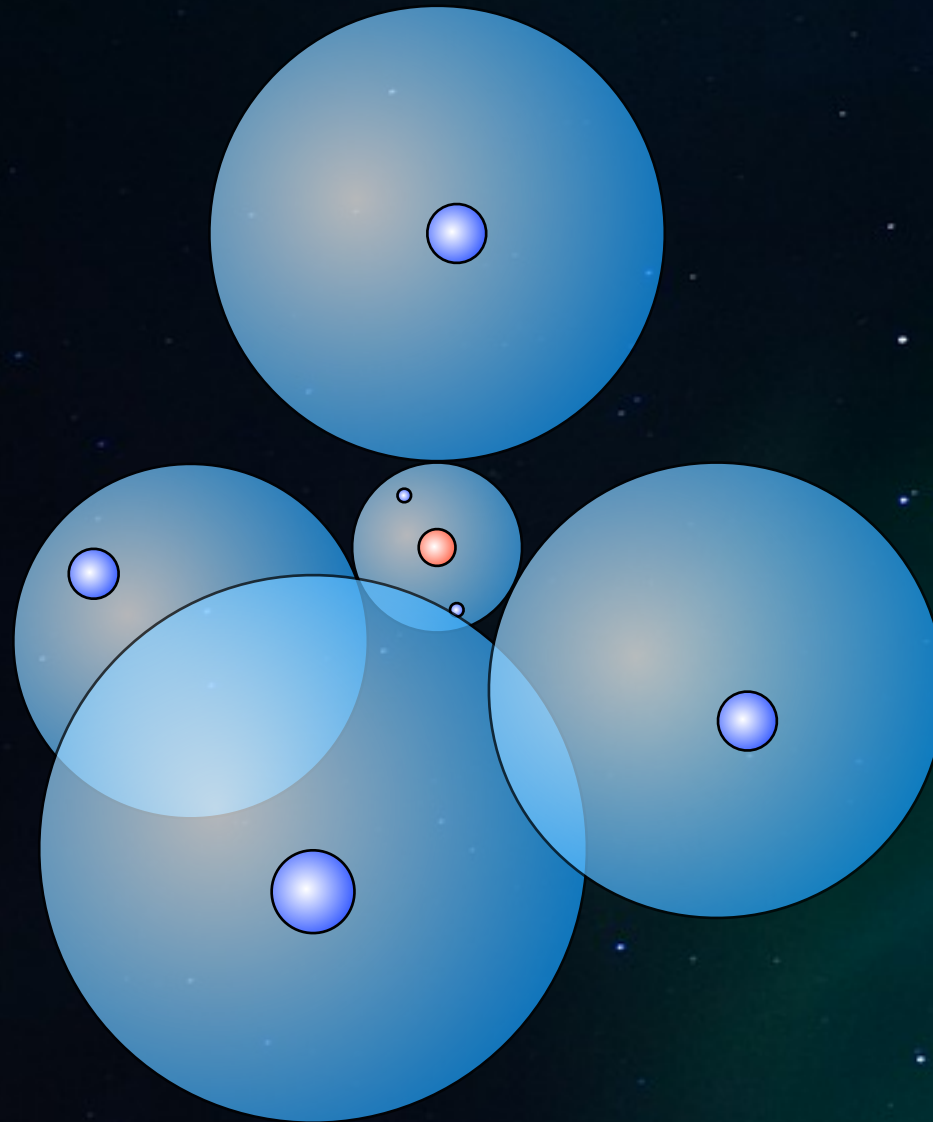
Elektronenkonfiguration:  $K^2 L^2$

# Das Bor-Atom



Elektronenkonfiguration:  $K^2 L^3$

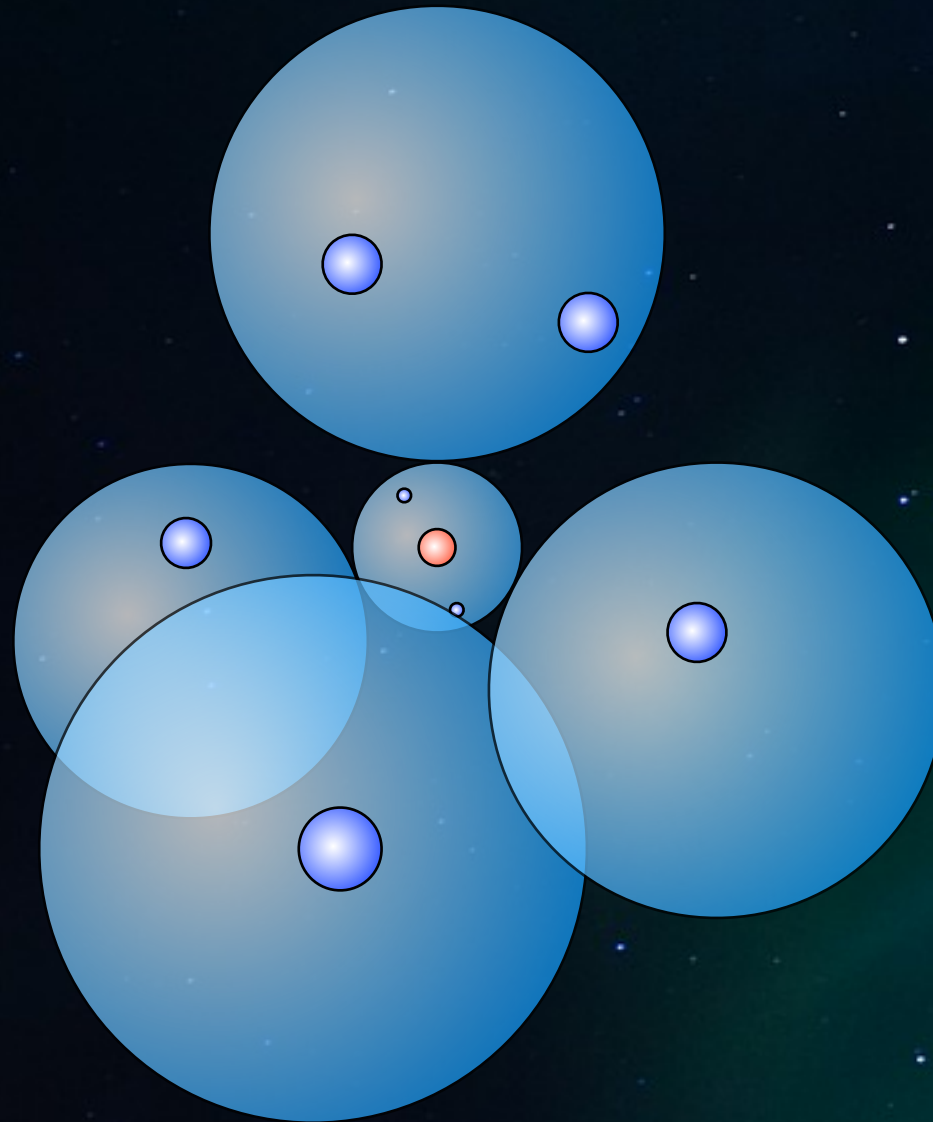
# Das Kohlenstoff-Atom



Elektronenkonfiguration:  $K^2 L^4$

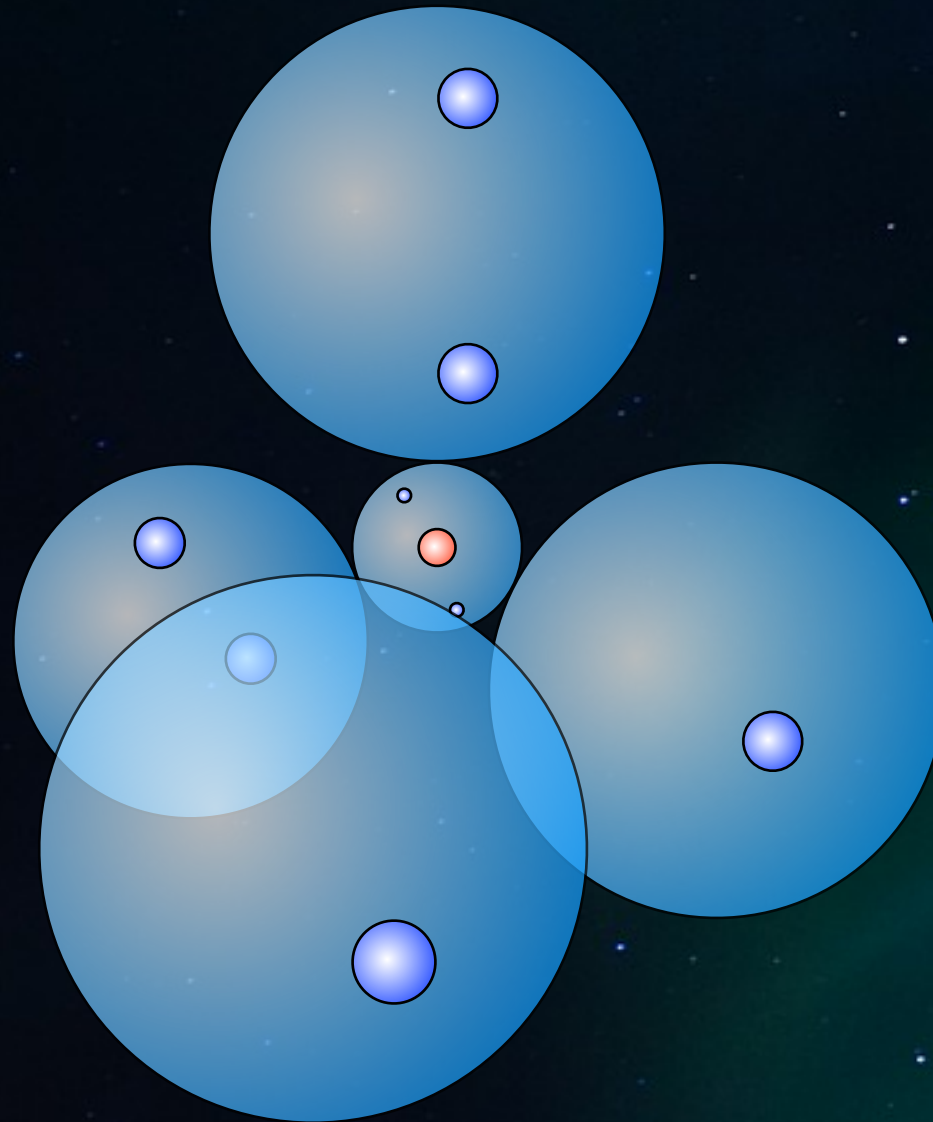


# Das Stickstoff-Atom



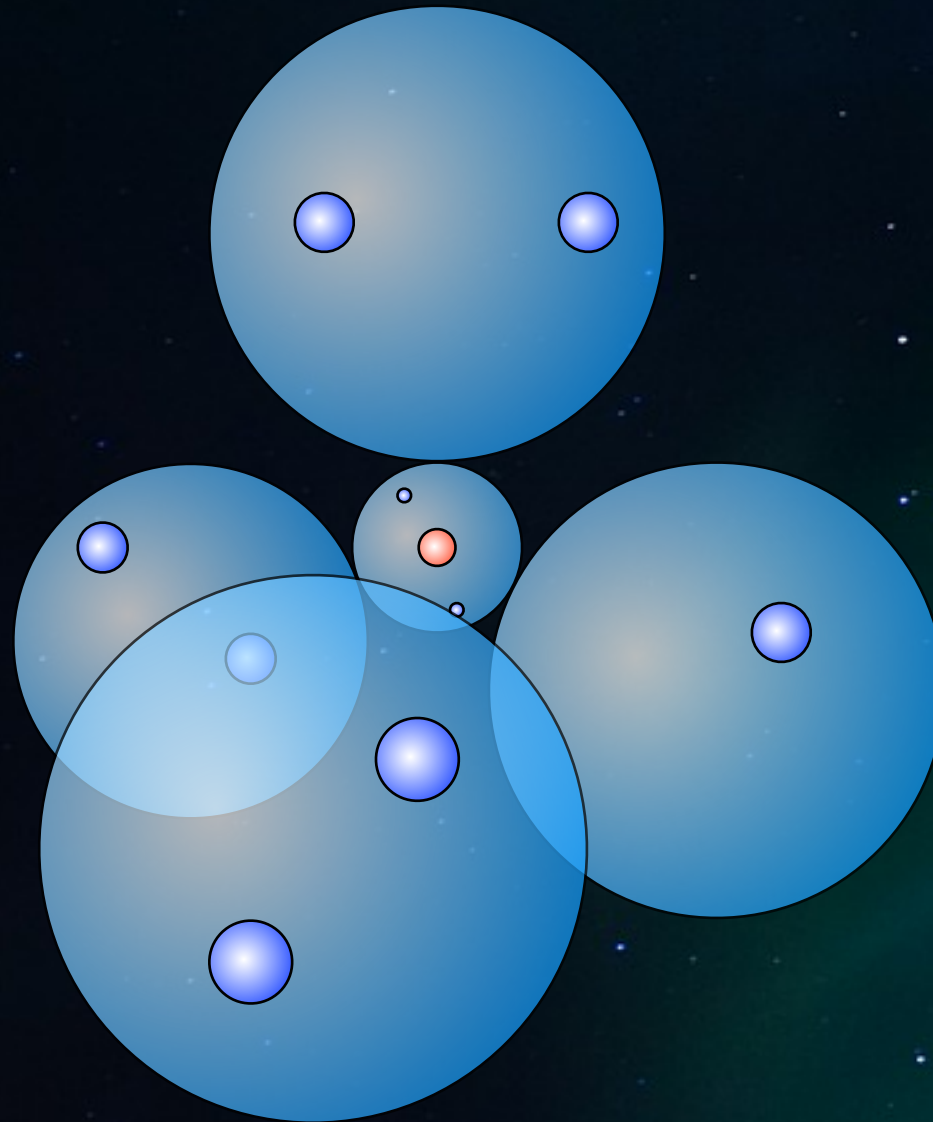
Elektronenkonfiguration:  $K^2 L^5$

# Das Sauerstoff-Atom



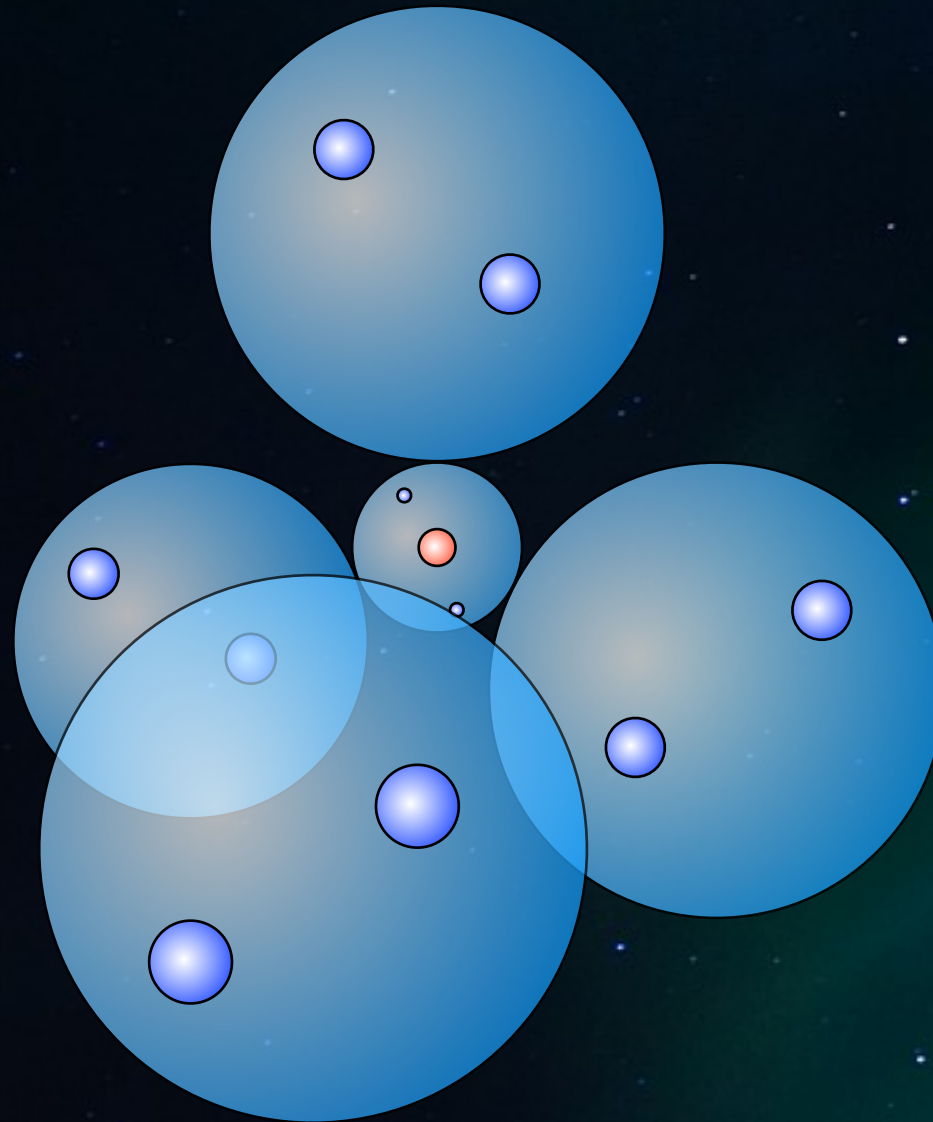
Elektronenkonfiguration:  $K^2 L^6$

# Das Fluor-Atom



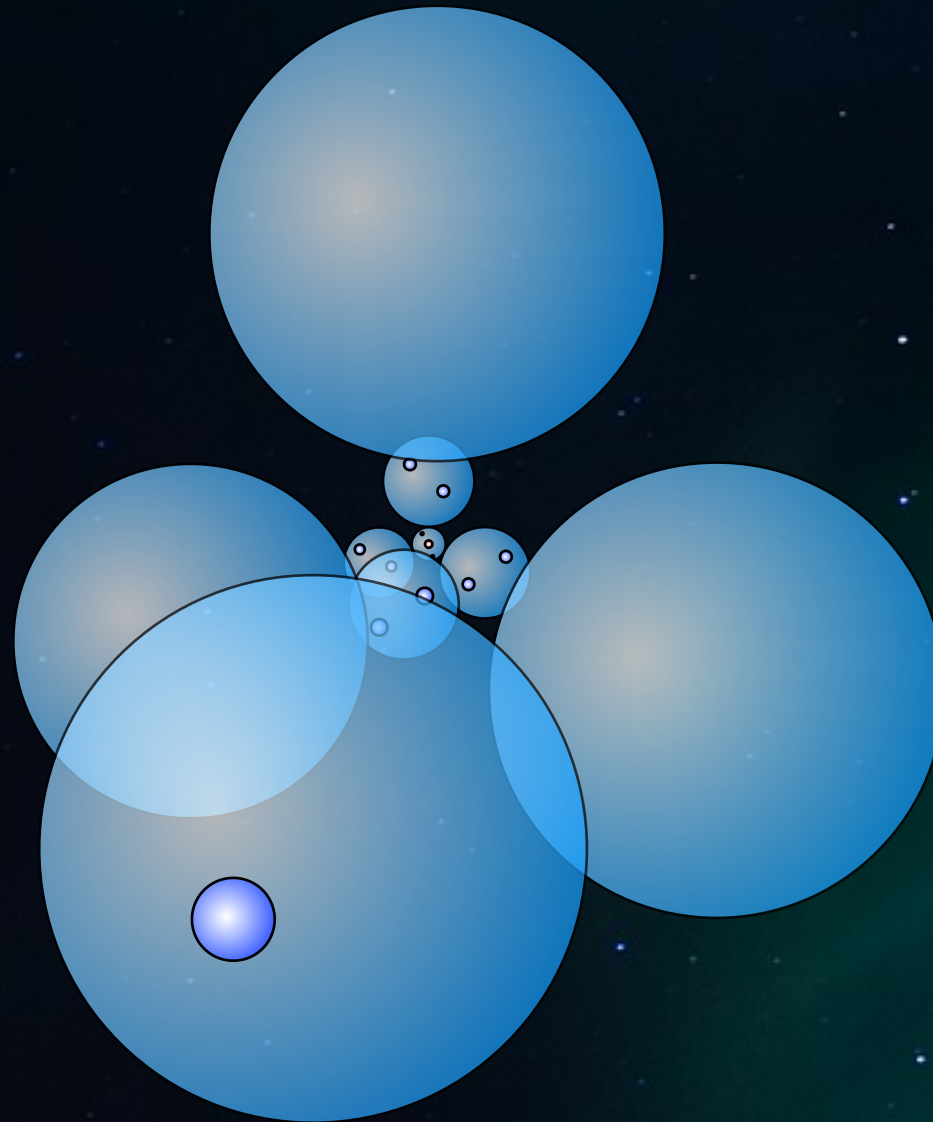
Elektronenkonfiguration:  $K^2 L^7$

# Das Neon-Atom



Elektronenkonfiguration:  $K^2 L^8$

# Das Natrium-Atom

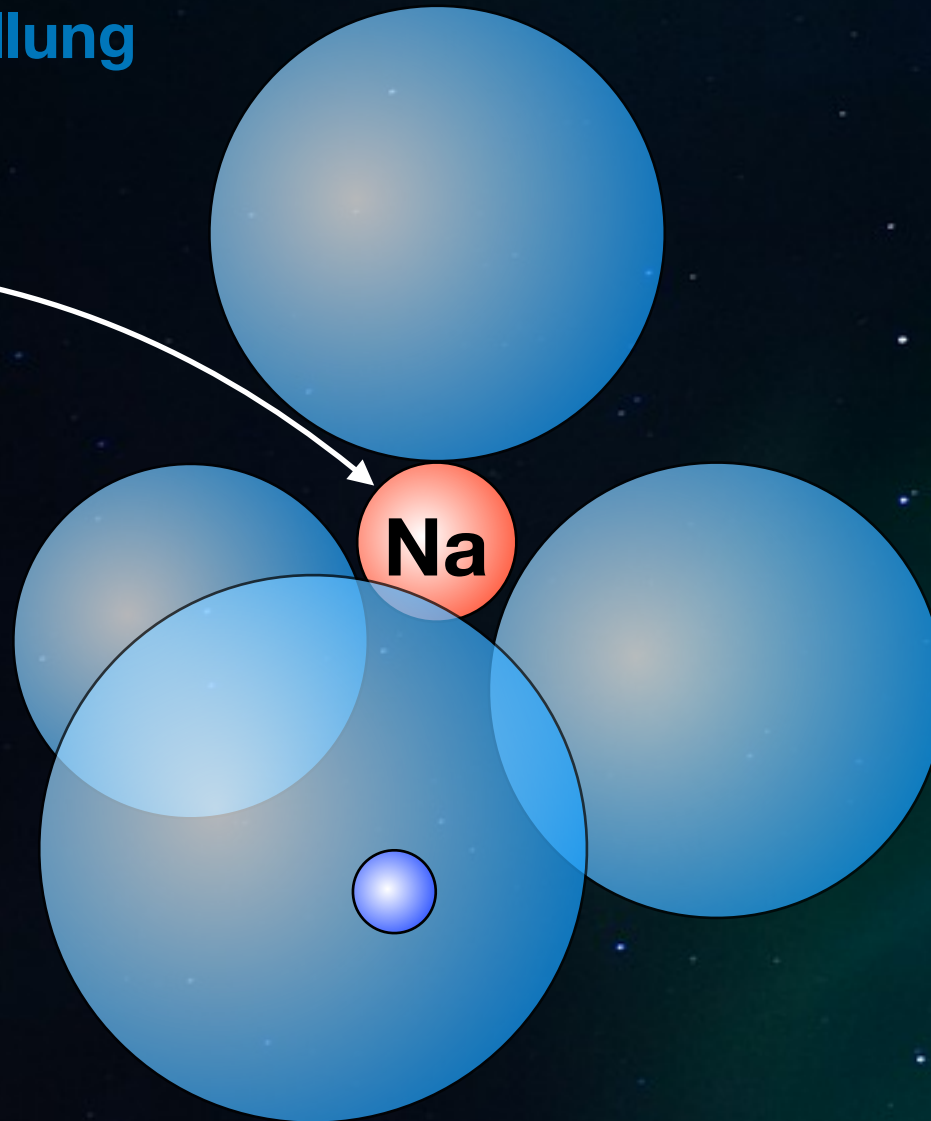


Elektronenkonfiguration:  $K^2 L^8 M^1$

# Das Natrium-Atom

## vereinfachte Darstellung

inneres Atom

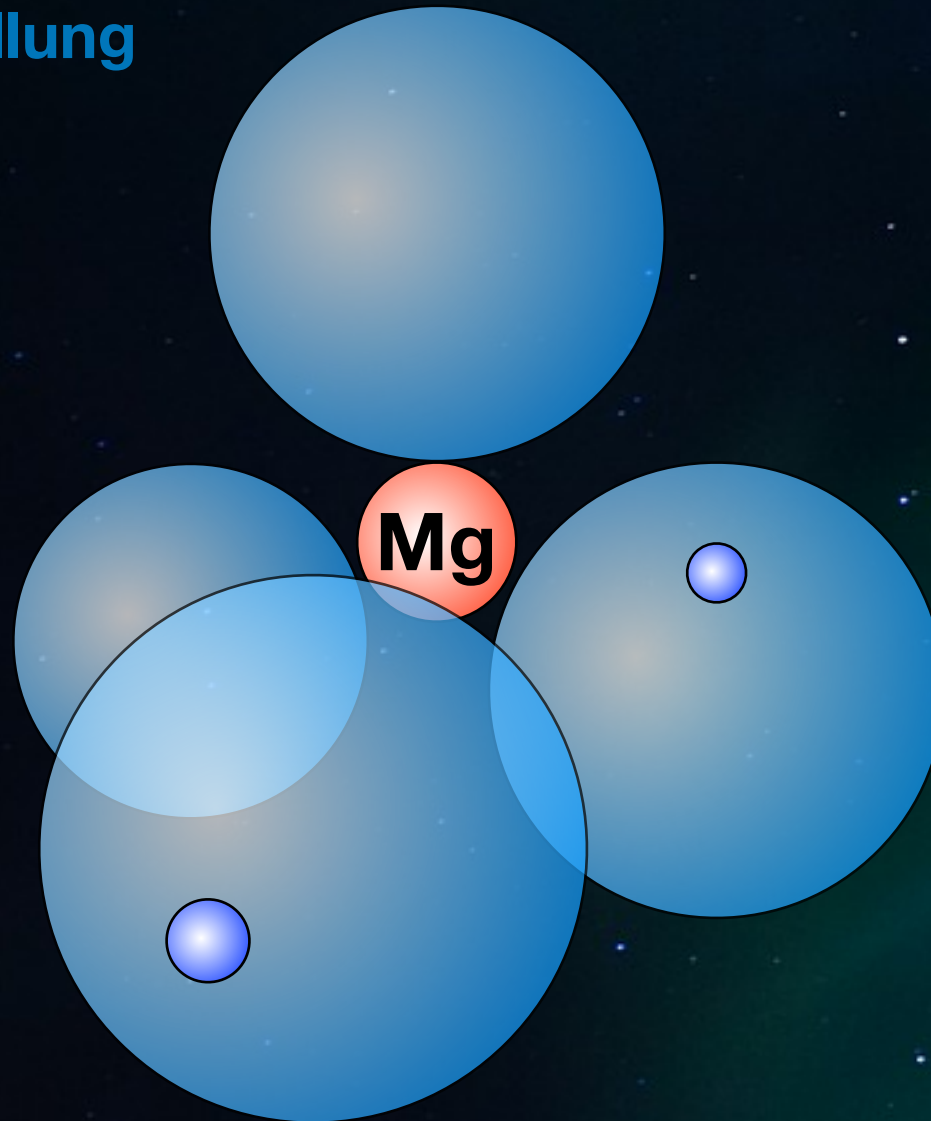


nur die Kugelwolken  
der Außenschale  
werden dargestellt

Elektronenkonfiguration:  $K^2 L^8 M^1$

# Das Magnesium-Atom

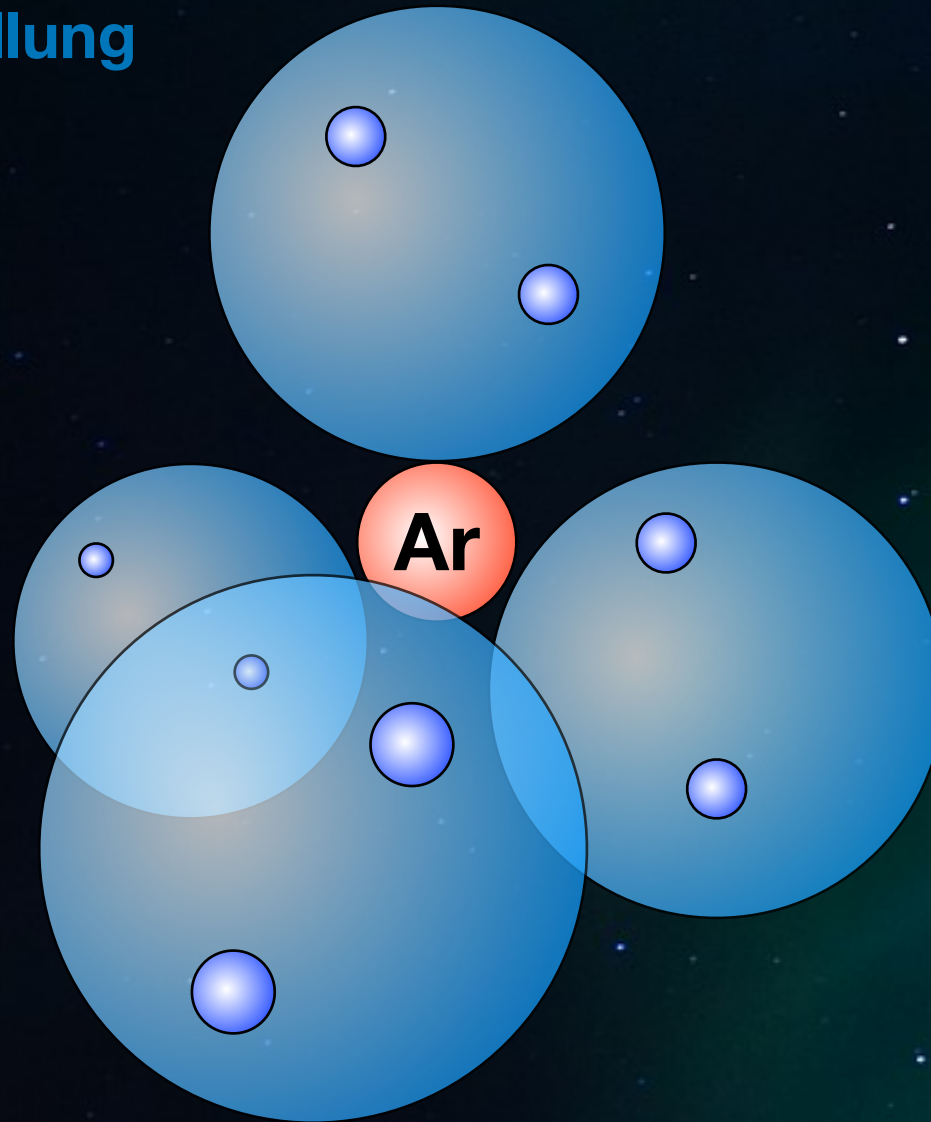
## vereinfachte Darstellung



Elektronenkonfiguration:  $K^2 L^8 M^2$

# Das Argon-Atom

## vereinfachte Darstellung

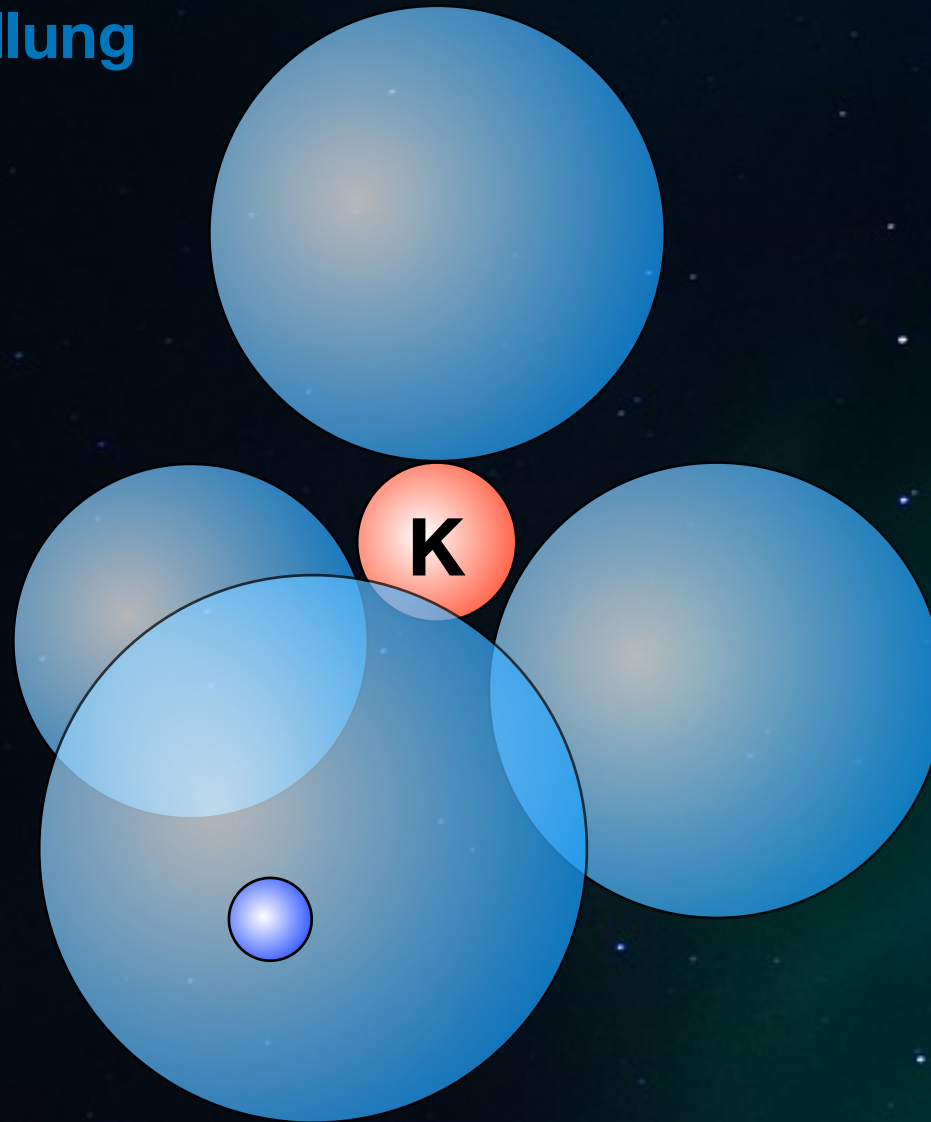


Elektronenkonfiguration:  $K^2 L^8 M^8$



# Das Kalium-Atom

## vereinfachte Darstellung



Elektronenkonfiguration:  $K^2 L^8 M^8 N^1$