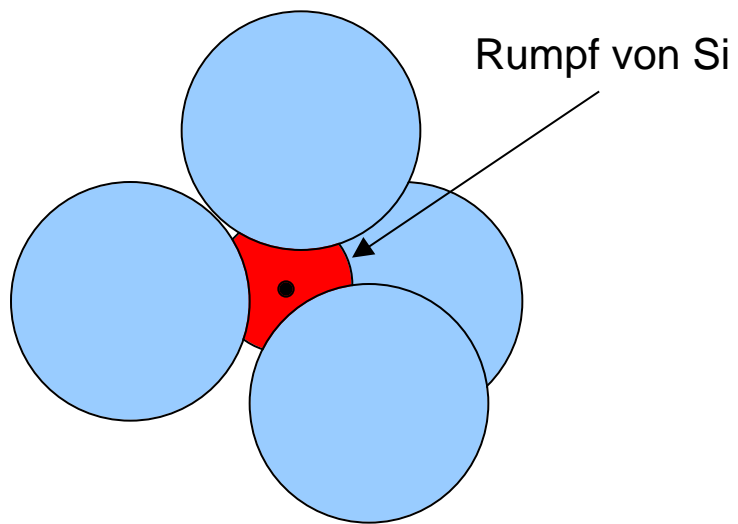
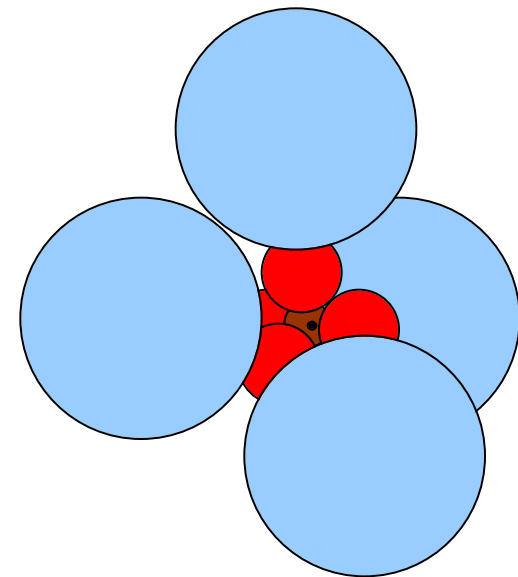


Vereinfachte Darstellung von Atomen im Kimball-Modell



Silicium-Atom

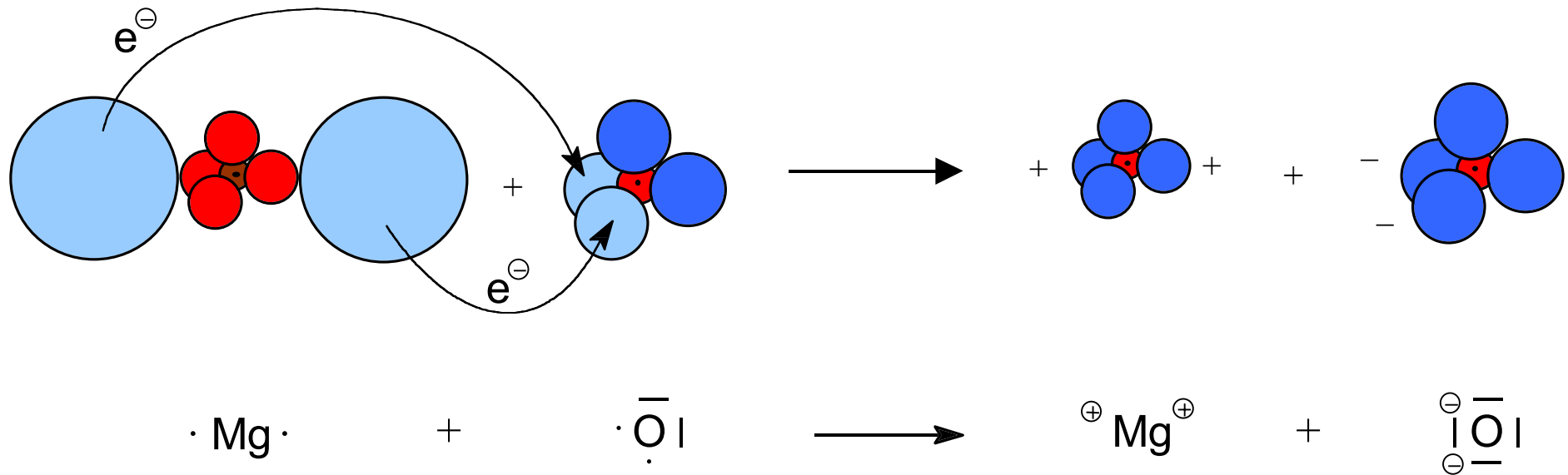
(Vereinfachte Darstellung)



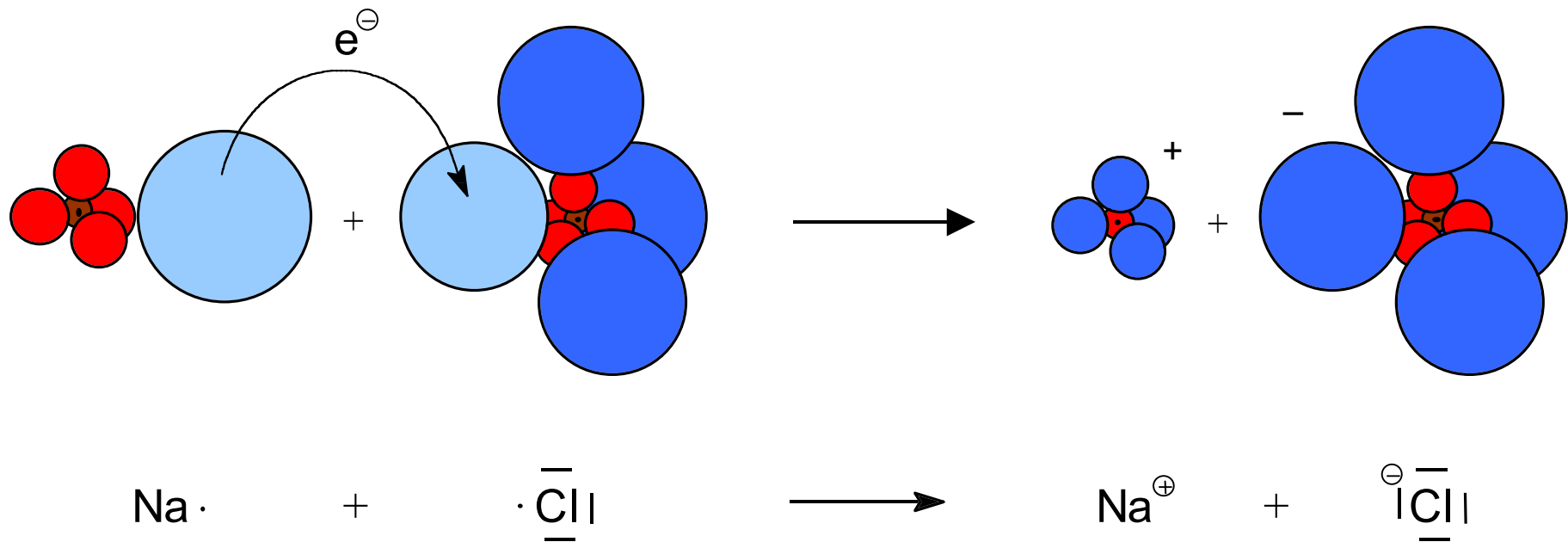
Silicium-Atom

(Vollständige Darstellung)

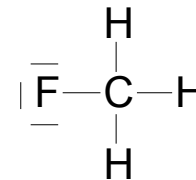
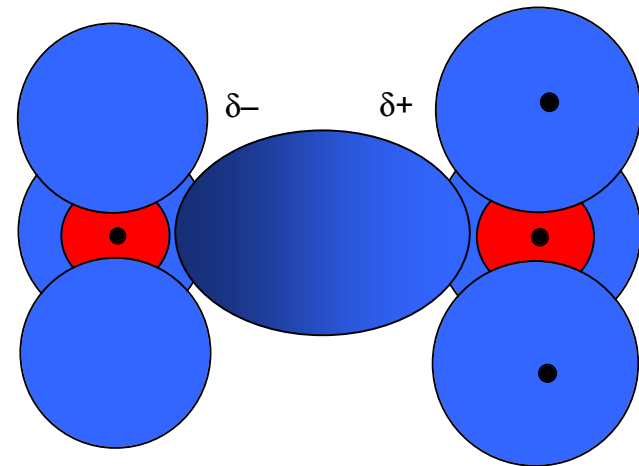
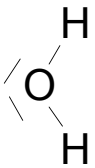
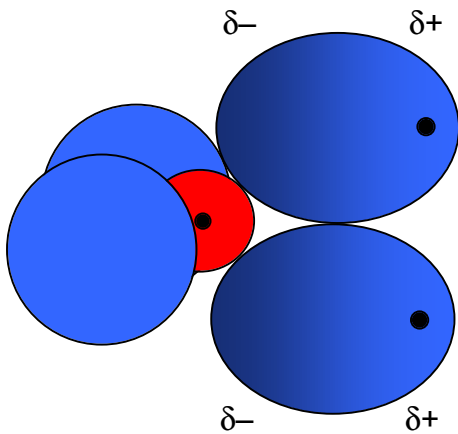
Die Bildung von Magnesium-Ionen und Oxid-Ionen im Kugelwolken-Modell



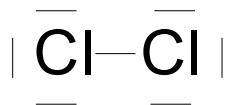
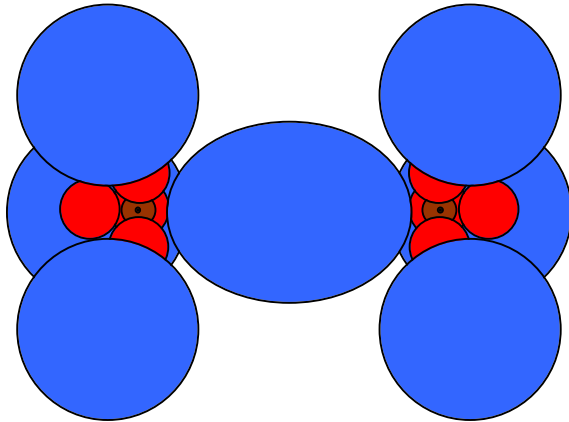
Die Bildung von Natrium-Ionen und Chlorid-Ionen im Kugelwolken-Modell



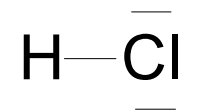
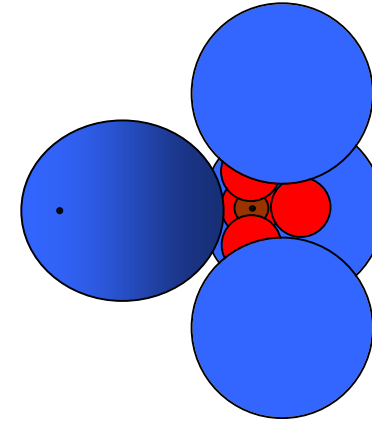
Gute und schlechte Zugänglichkeit zum positiven Bindungs-Pol



Apolare und polare Kovalenzbindung

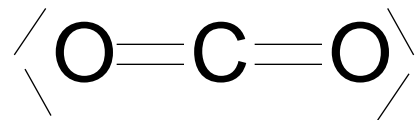
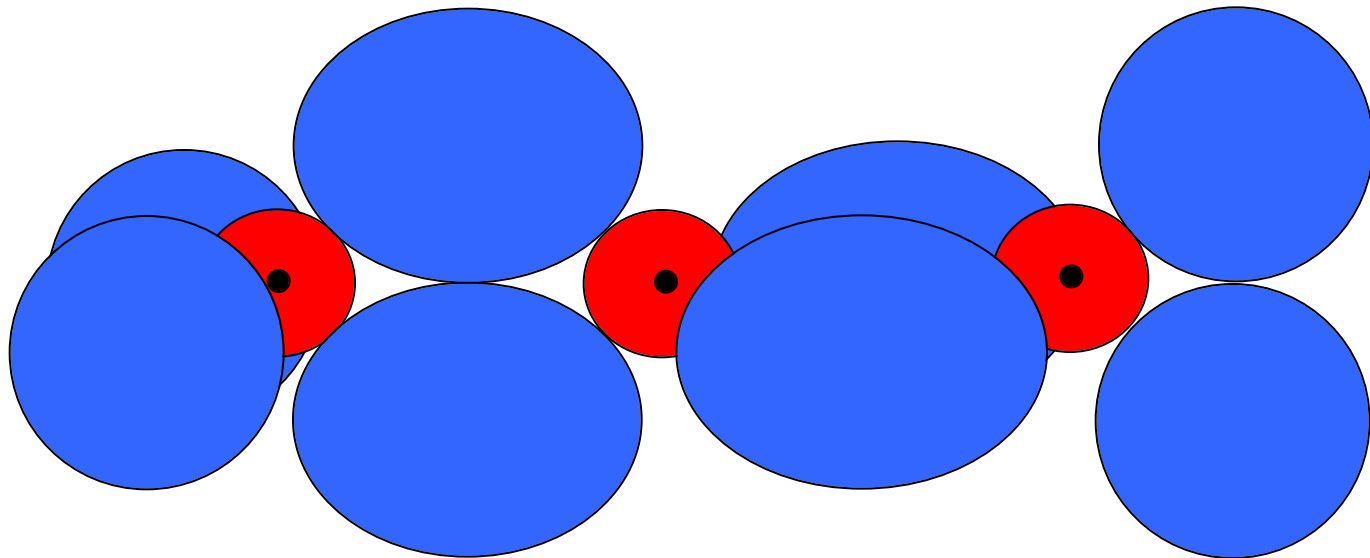


Apolare Kovalenzbindung

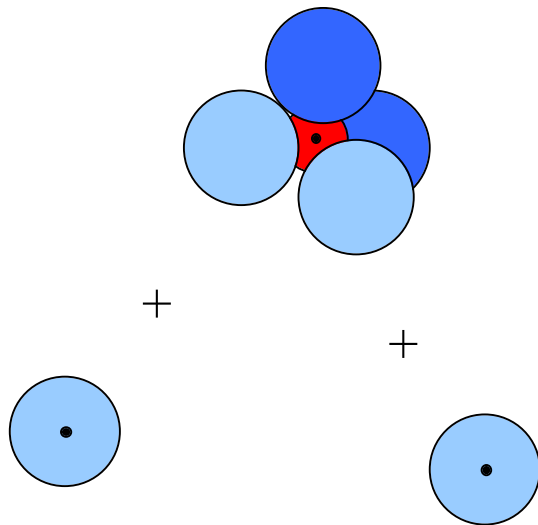


Polare Kovalenzbindung

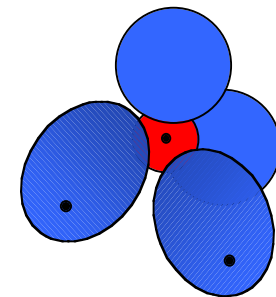
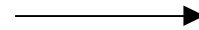
Kohlendioxid-Molekül im Kimball-Modell



Bildung eines Wasser-Moleküls im Kimball-Modell

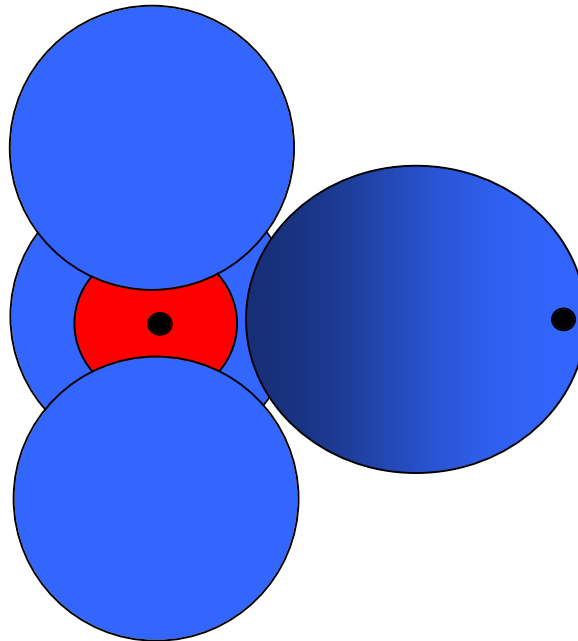


1 Sauerstoff-Atom
2 Wasserstoff-Atome

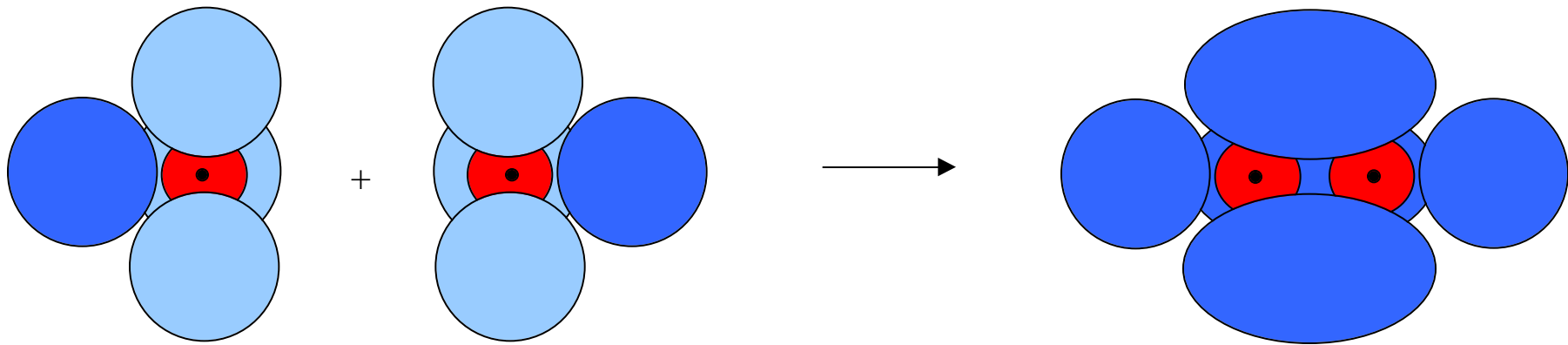


1 Wasser-Molekül

Ein Fluorwasserstoff-Molekül im Kugelwolken-Modell



Bildung eines Stickstoff-Moleküls aus zwei Stickstoff-Atomen



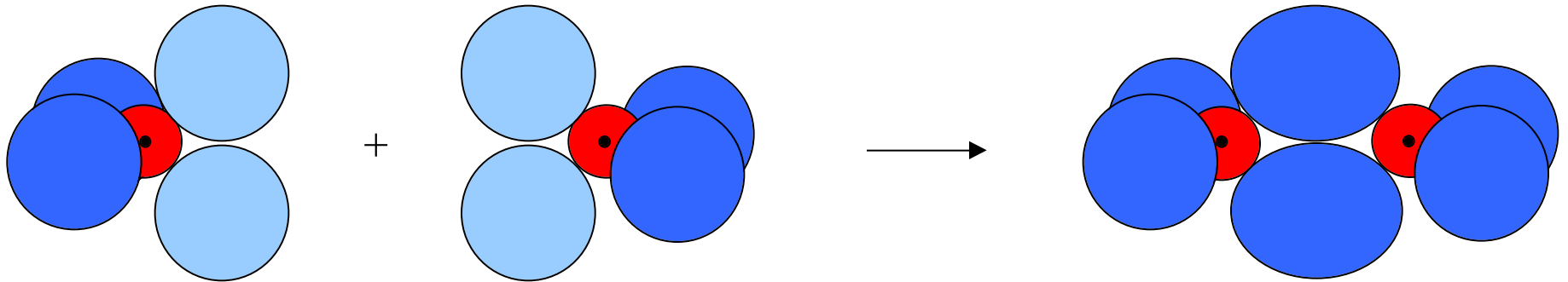
Stickstoff-Atom

Stickstoff-Atom

Stickstoff-Molekül



Bildung eines Sauerstoff-Moleküls aus zwei Sauerstoff-Atomen



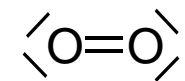
Sauerstoff-Atom

Sauerstoff-Atom

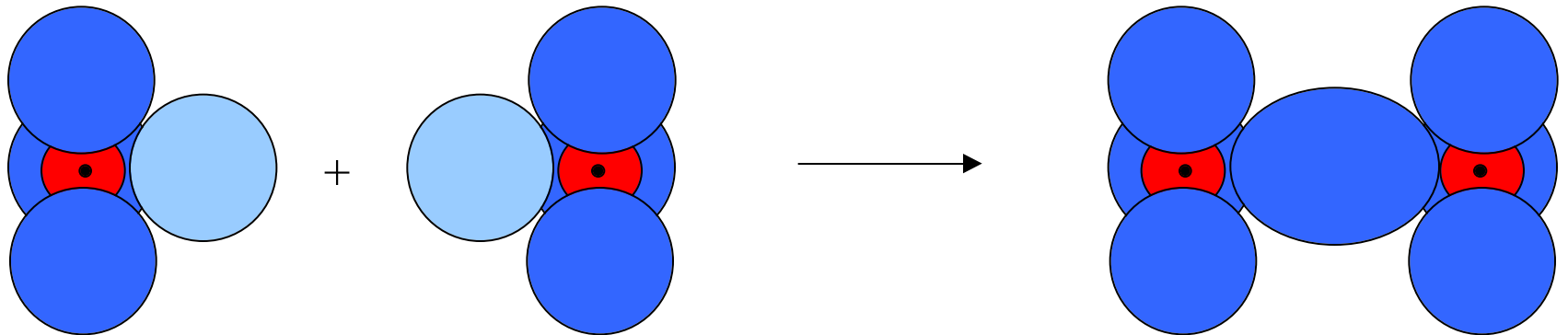
Sauerstoff-Molekül



+



Bildung eines Fluor-Moleküls aus zwei Fluor-Atomen



Fluor-Atom

+

Fluor-Atom

→

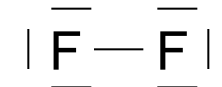
Fluor-Molekül



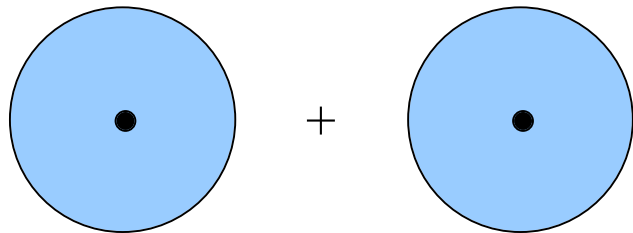
+



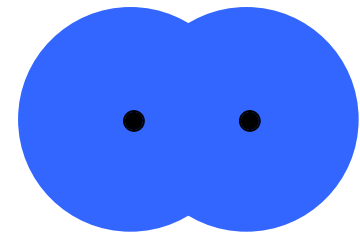
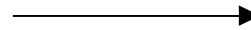
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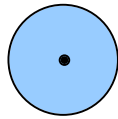
Bildung eines Wasserstoff-Moleküls im Kimball-Modell



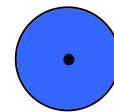
2 Wasserstoff-Atome



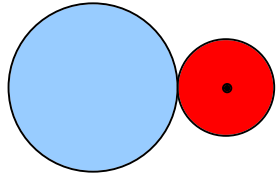
1 Wasserstoff-Molekül



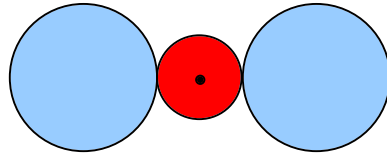
Wasserstoff-Atom



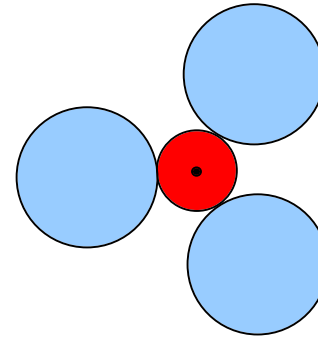
Helium-Atom



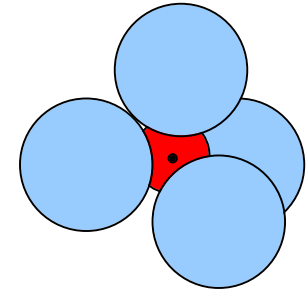
Lithium-Atom



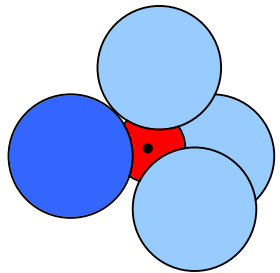
Beryllium-Atom



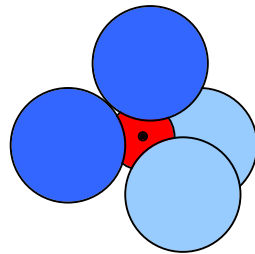
Bor-Atom



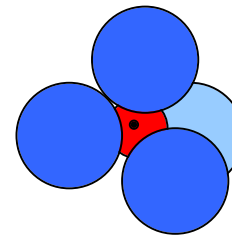
Kohlenstoff-Atom



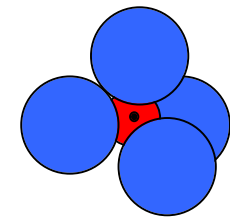
Stickstoff-Atom



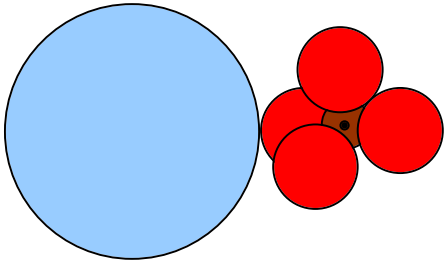
Sauerstoff-Atom



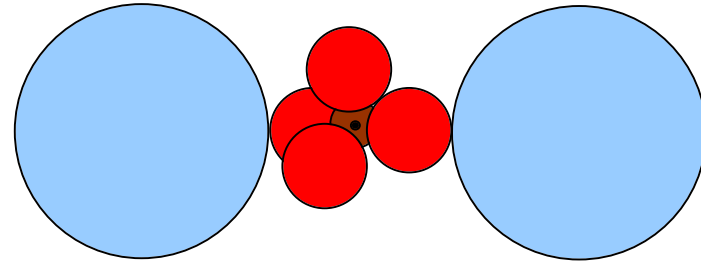
Fluor-Atom



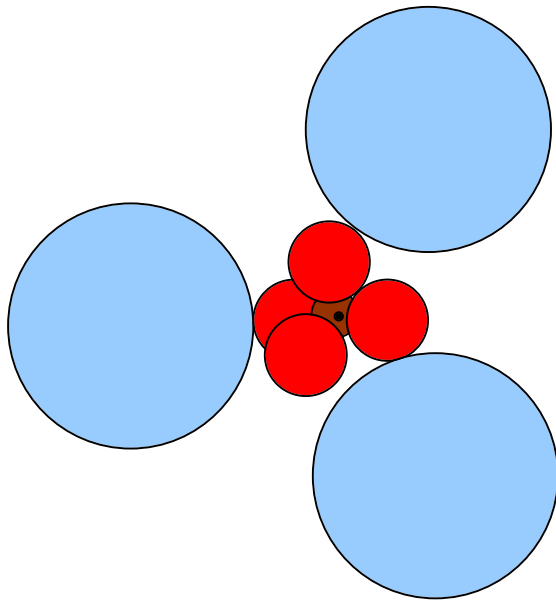
Neon-Atom



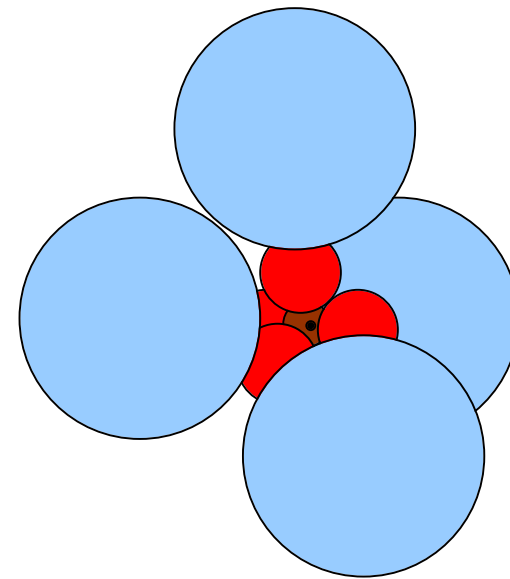
Natrium-Atom



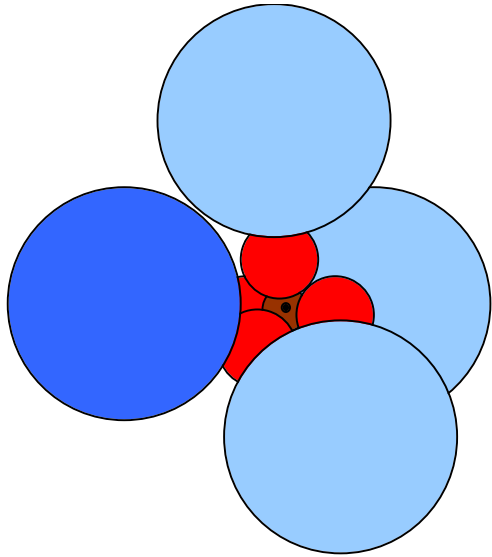
Magnesium-Atom



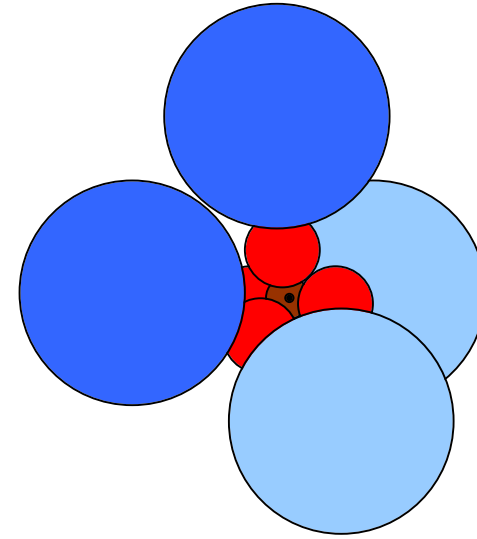
Aluminium-Atom



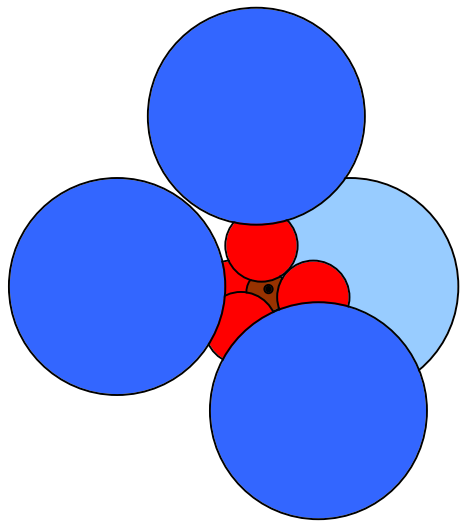
Silicium-Atom



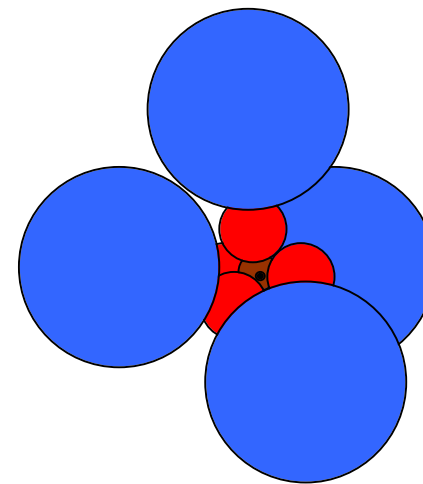
Phosphor-Atom



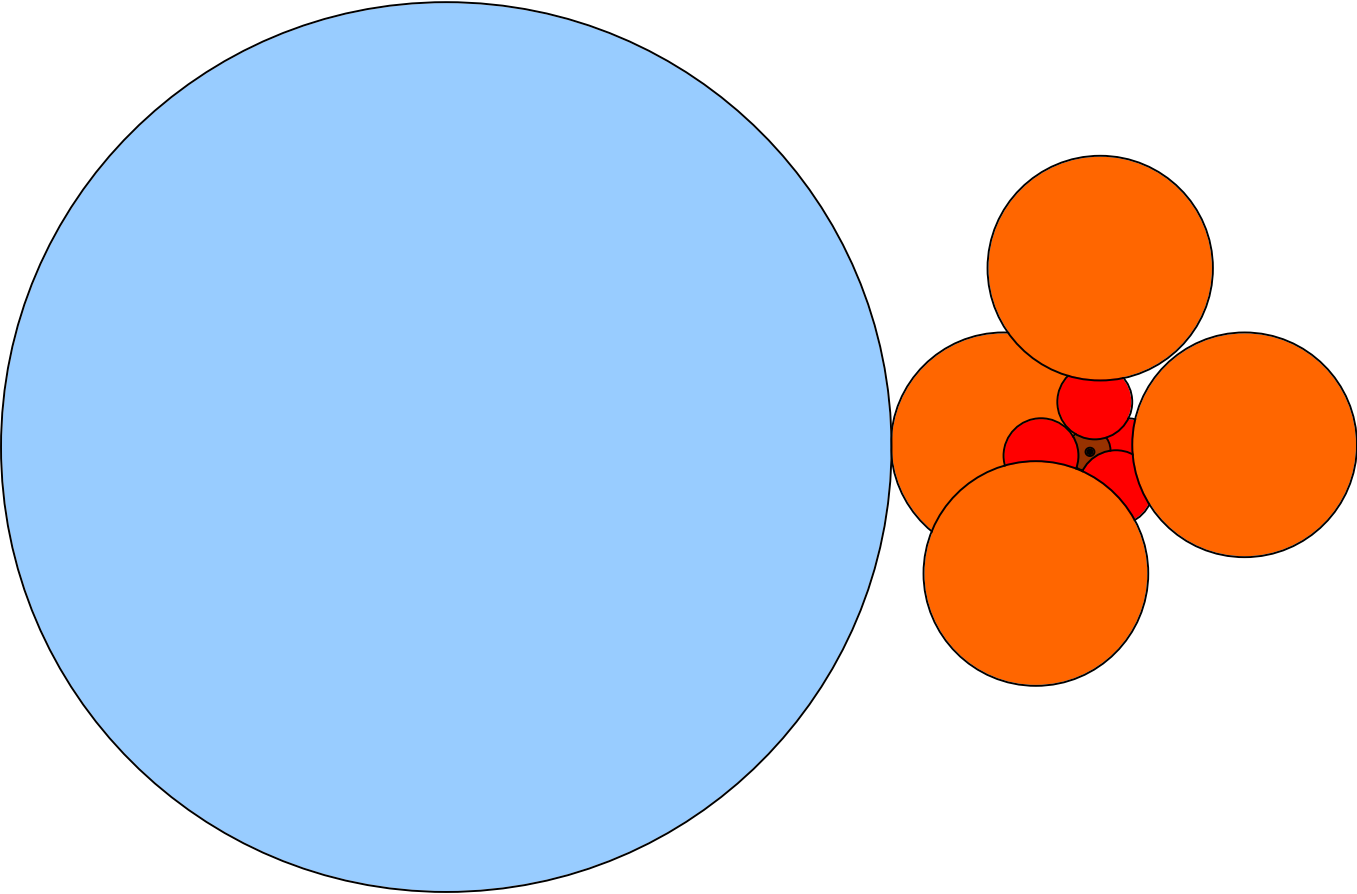
Schwefel-Atom



Chlor-Atom



Argon-Atom



Kalium-Atom