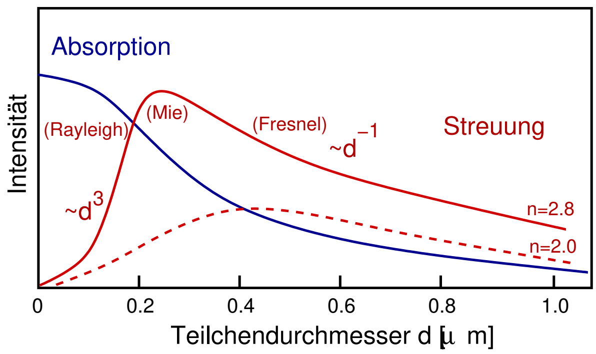
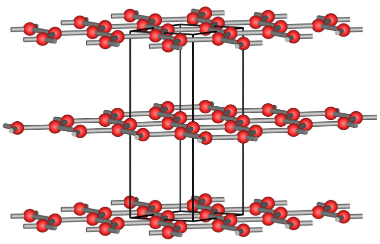
# 1. Einleitung, Übersicht

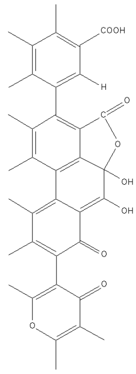
# 2. geom. und elektronische Strukturen und Farbigkeit



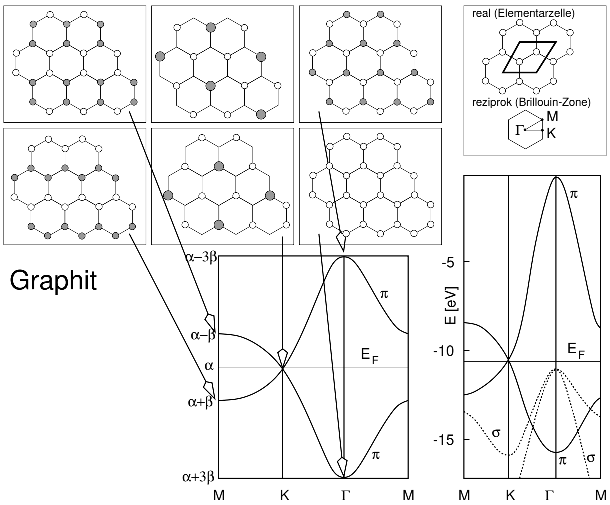

Absorption und Streuung



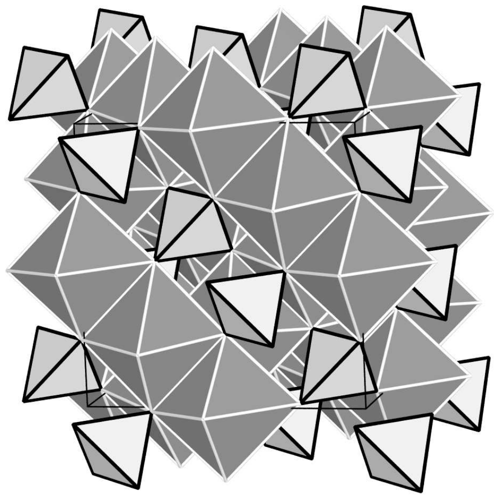
Idealstruktur von Graphit




Schicht-terminierung



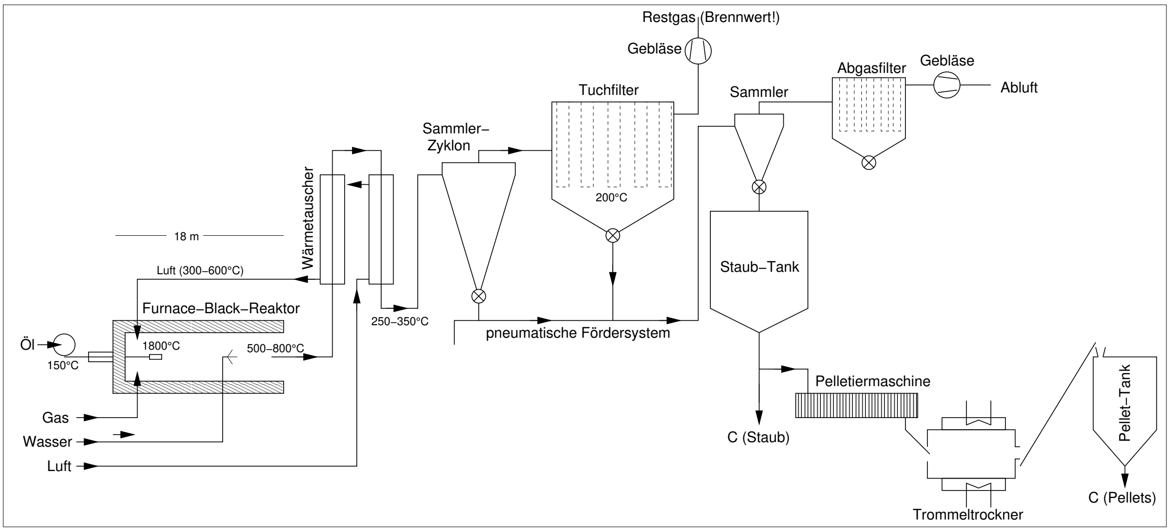

Bandstruktur von Graphit



Idealstruktur von $Fe_3O_4$ (Spinell-Str.)

# 3. Herstellung und Eigenschaften

## 3.1. C-Schwarz




Furnaceruß-Verfahren