

Chil Chemical bonding 2
- TOWNING -
- Molecular shapes (x)
- Valence bond theory
Simple model for shapes: VSEPR
Valence Shell Electron Pair Repulsion
e pairs repel + try + stay apart!
bonds lone-pair
(single, double, triple)
2 repulsions 180°
:-X-: ex: : CI De Be Dici: linear
1800
0= (= 0)
LINEAR
- CINEXK
3-repulsions: ex: :f:
3-repulsions: ex: 10 :F 0 B 3 F:
:-x-:
:0:
HOCEH

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