

# Partial List of Additional Molecules and Compositions of Matter Solved by Classical Physics.

## Solid Molecular Bond of the Three Allotropes of Carbon

- Diamond
- Graphite
- Fullerene (C<sub>60</sub>)

## Dipole-Dipole Bonding

- Hydrogen Bonding
- Van der Waals Bonding

## Solid Ionic Bond of Alkali-Hydrides

- Alkali Hydride Crystal Structures
- Lithium Hydride
- Sodium Hydride
- Potassium Hydride
- Rubidium & Cesium Hydride
- Potassium Hydrino Hydride

## Solid Metallic Bond of Alkali Metals

- Alkali Metal Crystal Structures
- Lithium Metal
- Sodium Metal
- Potassium Metal
- Rubidium & Cesium Metals

## Alkyl Aluminum Hydrides

## Silicon Groups & Molecules

- Silanes
- Alkyl Silanes and Disilanes

## Solid Semiconductor Bond of Silicon

- Insulator-Type Semiconductor Bond
- Conductor-Type Semiconductor Bond

## Boron Molecules

- Boranes
  - Bridging Bonds of Boranes
- Alkoxy Boranes
- Alkyl Boranes
- Alkyl Borinic Acids
- Tertiary Aminoboranes
- Quaternary Aminoboranes
- Borane Amines
- Halido Boranes

## Organometallic Molecular Functional Groups and Molecules

- Alkyl Aluminum Hydrides
  - Bridging Bonds of Organoaluminum Hydrides
- Organogermanium & Digermanium
- Organolead

## Organometallic Molecular Functional Groups and Molecules

- Organoarsenic
- Organoantimony
- Organobismuth

## Organic Ions

- 1° Amino
- 2° Amino
- Carboxylate
- Phosphate
- Nitrate
- Sulfate
- Silicate

## Proteins

- Amino Acids
- Peptide Bonds

## DNA

- Bases
- 2-deoxyribose
- Ribose
- Phosphate Backbone

## Water

## Condensed Noble Gases