

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

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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 and 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 and Digermanium

Organolead

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

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