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# Inorganic Electronic Structure And Spectroscopy

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the observable properties of those compounds), structure/geometries of small molecules, bonding theories both in inorganic molecules and in the solid state. survey of main group and **inorganic chemistry i. atomic structure** - covalent bond, various types of hybridization and shapes of simple inorganic molecules and ions. valence shell electron pair repulsion theory (vsepr theory) to nh3, ... electronic structure, oxidation states and ionic radii and lanthanide contraction, complex formation, occurrence and isolation, lanthanide compounds.

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