Spodium Bonds: Noncovalent Interactions Involving Group 12 elements

Spodium bonds: Noncovalent interactions involving group 12 elements refer to a net attractive interaction between any element of Group 12 and electron-rich atoms (Lewis bases or anions). These noncovalent interactions are markedly different from coordination bonds (antibonding Sp–ligand orbital involved). Evidence is provided for the existence of this interaction by calculations at the RI-MP2/aug-cc-pVTZ level of theory, atoms-in-molecules, and natural bond orbital analyses and by examining solid-state structures in the Cambridge Structure Database.

4-5PM (MDT) | Zoom
Meeting ID: 853 9744 9709
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