

# Qualitative Valence-bond Descriptions Of Electron-rich Molecules: Pauling 3-electron Bonds And increased-valence Theory

by R. D Harcourt

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[26] R. D. Harcourt, Qualitative Valence-Bond Descriptions of Electron-Rich Molecules. Pauling “3-Electron Bonds” and. Increased-Valence Theory. Lecture ... 23 Jul 2010 . Slater and Pauling extended VB theory to larger molecules with the technique of ... “increased valence structures” are applied to give insight into a number of ..... Harcourt, R.D. Qualitative, Valence-Bond Descriptions of Electron-Rich Molecules: Pauling. “3-Electron Bonds” and “Increased-Valence” Theory. Inner valence molecular orbitals and the structure of X-ray . The mathematics of the periodic table - York University Libraries Stability of Polynitrogen Compounds: The Importance of Separating . Qualitative Valence-Bond Descriptions of Electron-Rich Molecules . Inner valence molecular orbitals and the structure of X-ray photoelectron spectra . [48]. Harcourt R D 1982 Qualitative Valence-Bond Descriptions of Electron-Rich Molecules: Pauling 3-Electron Bonds and Increased-Valence Theory (Berlin: Springer) ..... Electronic structure and chemical bonding in  $\text{PuO}_2$  Yu. A Valence-Bond Study of the Role of 3d Orbitals in the Bonding in CIF,

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