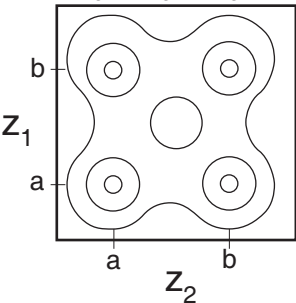


(a) $\Phi_{gu}^{MO} = \phi_g(1) \phi_g(2)$



(b) $\Phi_g^{VB} = \chi_\ell \chi_r + \chi_r \chi_\ell$

