Percentage of Localized Intrinsic Valence Virtual Orbital Character

als			$\phi_{ m p}^1$	42	42	85	
Orbit	•		$\phi_{ m p}^2$	38	38	75	
>article (		8	$\phi_{\mathrm{p}}^{3}$	0	0	0	
کھر						0	

Pal		$\phi_{ m p}^4$	0	0	0			
		$\phi_{ m p}^5$	6	6	12			
	( <b>B</b> ) Water dimer-A		<b>6</b>	<b>Q</b> ~	7	<b>₩ 640</b>	Total	

					$\phi_{ m p}$   0		O	12		
	( <b>B</b> ) Water dimer-A				$\sigma^*_{\mathrm{O}_1-\mathrm{H}_2}$	$\sigma^*_{\mathrm{O}_1-\mathrm{H}_3}$	$\sigma^*_{\mathrm{O_4-H_6}}$	$\sigma^*_{\mathrm{O_4-H_5}}$	Total Valence Character	
als	<b>8</b> –		<b>₩</b> →	-	$\phi_{ m p}^1$	41	41	0	0	84
Orbit			$\phi_{ m p}^2$	39	39	0	0	77		
Particle Orbitals				•	$\phi_{ m p}^3$	0	0	9	14	23
Раі	<u> </u>	<b></b>			$\phi_{r}^{4}$	0	0	4	3	7

 $\sigma_{{\rm O}_1-{\rm H}_3}^*$ 

 $\sigma_{\mathrm{O_4-H_6}}^*$ 

 $\sigma_{\mathrm{O_4-H_5}}^*$ 

Total Valence

Character

 $\sigma_{{\rm O}_1-{\rm H}_2}^*$ 

 $\phi_{\rm p}^2$ 

(C) Water dimer-D

Particle Orbitals