$$|Y_A\rangle = 0$$
,  $|O_A\rangle + |B_1|_A\rangle$   
 $|Y_B\rangle = \alpha_2 |O_B\rangle + |B_2|_{|B}\rangle$   
The state  $|O\rangle$  to spin up state  
 $|1\rangle$  to spin down state

$$|1_{c}\rangle = |0_{n}\rangle$$
 $|1_{s}\rangle = |0_{s}\rangle$ 
 $|1_{c}\rangle = |1_{s}\rangle$ 

$$|O_{A}\rangle = |O_{B}\rangle = [O]$$

$$|I_{A}\rangle = |I_{R}\rangle = [O_{J}]$$

$$|I_{A}\rangle = |I_{R}\rangle = [O_{J}]$$

$$|I_{A}\rangle = |I_{R}\rangle = [O_{J}]$$

$$|I_{A}\rangle = |I_{A}\rangle = |I_{A}\rangle$$

But intermediate phases connot  be removed  the 4 bell basis vectors  have different intermediate
be removed
7 the G bell basis Vectors
Marie Ca levent Invermodeate
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