

$\{ \text{VPB} [2, \sigma_{1,2}, \sigma_{1,2}] , \text{VPB} [2, \sigma_{1,2}, \sigma_{2,1}] , \text{VPB} [2, \sigma_{1,2}, \bar{\sigma}_{2,1}] , \text{VPB} [2, \bar{\sigma}_{1,2}, \bar{\sigma}_{1,2}] ,$
 $\text{VPB} [2, \bar{\sigma}_{1,2}, \sigma_{2,1}] , \text{VPB} [2, \bar{\sigma}_{1,2}, \bar{\sigma}_{2,1}] , \text{VPB} [2, \sigma_{2,1}, \sigma_{2,1}] , \text{VPB} [2, \sigma_{2,1}, \sigma_{1,2}] ,$
 $\text{VPB} [2, \sigma_{2,1}, \bar{\sigma}_{1,2}] , \text{VPB} [2, \bar{\sigma}_{2,1}, \bar{\sigma}_{2,1}] , \text{VPB} [2, \bar{\sigma}_{2,1}, \sigma_{1,2}] , \text{VPB} [2, \bar{\sigma}_{2,1}, \bar{\sigma}_{1,2}] \}$