GHZ

$\text{GHZ} = \langle 000| + \langle 111|$

all $r = 2$, all R contain two

independent simple vectors

$\hat{W}$

$\text{W} = \langle 001| + \langle 010| + \langle 100|$

all $r = 2$, all R contain exactly one simple vector

$A - BC$

$\langle 0| \otimes (\langle 00| + \langle 11|)$

$r(\rho_A) = 1, r(\rho_B) = r(\rho_C) = 2$

$B - AC$

$\langle 000| + \langle 101|$

$r(\rho_B) = 1, r(\rho_A) = r(\rho_C) = 2$

$C - AB$

$\langle 000| + \langle 110|$

$r(\rho_C) = 1, r(\rho_A) = r(\rho_B) = 2$

$A - B - C$

$\langle 000|$

$r(\rho_A) = r(\rho_B) = r(\rho_C) = 1$