$$U_{\mathbb{R}} = X \times Y \text{ complex Jordan algebra}$$

$$\dim\ V_j = b = 2\, b_{\mathbb{C}}$$

$$V_{\mathbb{R}} = \sum_{1 \leqslant j \leqslant r} V_j$$

$$d_{V_{\mathbb{R}}} / r = b$$

$$Z_{\mathbb{R}} = U_{\mathbb{R}} \times V_{\mathbb{R}} = X \times Y \times V_{\mathbb{R}}$$

$$d/r = c + 1 + a\,(r-1) + 2\, b_{\mathbb{C}}$$