

$${}^p_2\mathbb{E}_p^\Omega \times {}^q_2\mathbb{E}_q^\Omega \sqsubset {}^{p+q}_2\mathbb{E}_{p+q}^\Omega$$

$${}^m_2\mathbb{R}_m^\Omega \times {}^n_2\mathbb{R}_n^\Omega \sqsubset {}^{m+n}_2\mathbb{R}_{m+n}^\Omega$$

$${}^m_2\mathbb{C}_m^\Omega \times {}^n_2\mathbb{C}_n^\Omega \sqsubset {}^{m+n}_2\mathbb{C}_{m+n}^\Omega$$

$${}^p_2\Omega^{\mathbb{E}} \times {}^q_2\Omega^{\mathbb{E}} \sqsubset {}^{p+q}_2\Omega^{\mathbb{E}}$$

$$\begin{cases} {}^p_2\mathbb{R}_q^{\pm\mathbb{C}} = {}^p_2\mathbb{R}_p^\Omega \times {}^q_2\mathbb{R}_q^\Omega \dashv {}^{p+q}_2\mathbb{R}_{p+q}^\Omega \\ {}^p_2\mathbb{C}_q^{\pm\mathbb{C}} = {}^p_2\mathbb{C}_p^\Omega \times {}^q_2\mathbb{C}_q^\Omega \dashv {}^{p+q}_2\mathbb{C}_{p+q}^\Omega \end{cases}$$

$${}^{p+q}_2\mathbb{R}_{p+q}^\Omega / {}^p_2\mathbb{R}_p^\Omega \times {}^q_2\mathbb{R}_q^\Omega$$

$${}^{p+q}_2\mathbb{C}_{p+q}^\Omega / {}^p_2\mathbb{C}_p^\Omega \times {}^q_2\mathbb{C}_q^\Omega$$