$$E(M_{1}) \oplus E(M_{2}) = \langle g^{r_{1}}, (g^{a})^{r_{1}} M_{1} \rangle \oplus \langle g^{r_{2}}, (g^{a})^{r_{2}} M_{2} \rangle$$

$$= \langle g^{r_{1}} g^{r_{2}}, (g^{a})^{r_{1}} M_{1} (g^{a})^{r_{2}} M_{2} \rangle$$

$$= g^{r_{1}+r_{2}}, g^{a(r_{1}+r_{2})} M_{1} M_{2}$$

$$= E(M_{1}M_{2})$$