

$$L_{g,r,d}=\int_{(r+1,d+1)}\sigma^g_{1^r}\cdot\left[\sum_{\alpha_0+\ldots+\alpha_r=\textcolor{blue}{(r+1)(d-r)-rg}}\left(\prod_{i=\textcolor{blue}{0}}^r\sigma_{\alpha_i}\right)\right].$$