$$^{\Omega}\mathcal{K}_{\sigma}^{\nu} = \Gamma_{\varrho-\sigma}\,\Gamma_{\varrho+\nu-\sigma}$$

$$^{\Omega}\mathcal{J}_{\sigma}^{\nu} = \frac{\Gamma_{\nu+d/r}\Gamma_{\sigma}}{\Gamma_{\nu+d/r-\sigma^*}}$$