$$\overline{\boldsymbol{W}}_i = \frac{1}{\Omega_i} \int_{\Omega_i} \boldsymbol{W} \, \mathrm{d}\Omega \, ; \qquad\qquad \overline{\boldsymbol{S}}_i = \frac{1}{\Omega_i} \int_{\Omega_i} \boldsymbol{S} \, \mathrm{d}\Omega \, ;$$