0.4 Geometry

xc, yc		x, y	position in x and y directions	center
xdu	dx/LEN	x_ξ		center
xdv		x_η		center
ydu		y_ξ		center
ydv	dy/LEN	y_η		center
ux	ydv/J2d	ξ_x		center
vx	-ydu/J2d	η_x		center
uy	-xdv/J2d	ξ_y		center
vy	xdu/J2d	η_y		center
wx		σ_x		center
wy		σ_y		center
wz		σ_z	cell thickness	center
wzk		σ_z		face z
D		z	depth of the 0-th face z	center
zc		z	depth	center
zf		z	depth of the face z	face z
Jac	J2d/wz	volume	volume of the cell	center
Jifc		volume	interpolation of Jac on the face x.	face x
Jjfc		volume	interpolation of Jac on the face y	face y
J2d	xdu.ydv - xdv.ydu	area	Area of the face z.	2D, center
g11	ux.ux+uy.uy	$\xi_x.\xi_x + \xi_y.\xi_y$		center
g12	ux.vx+uy.vy	$\xi_x.\eta_x + \xi_y.\eta_y$		center
g22	vx.vx+vy.vy	$\eta_x.\eta_x + \eta_y.\eta_y$		center
gi(:,:,1)			g11 (interpolated at the face x) × Jifc	face x
gi(:,:,2)			g22 (interpolated at the face x) × Jifc	face x
gj(:,:,1)			g12 (interpolated at the face y) × Jjfc	face y
gj(:,:,2)			g22 (interpolated at the face y) × Jjfc	face y
gqi(:,:,1:2)			qpr × gi(:,:,1:2)	face x
gqj(:,:,1:2)			qpr × gj(:,:,1:2)	face y
gqk(:,:,1:3)			?	face z
g13	ux.wx+uy.wy	$\xi_x.\sigma_x + \xi_y.\sigma_y$		center
g23	vx.wx+vy.wy	$\eta_x.\sigma_x + \eta_y.\sigma_y$		center
gi3			g13 (interpolated at the face x) × Jifc	face x
gj3			g23 (interpolated at the face y) × Jjfc	face y
gqi3			qpr × gi3	face x
gqj3			qpr × gj3	face y