

Schéma d'intégration du champ de déformation

$\varepsilon_{11}$	=	.....		
$\varepsilon_{22}$	=	.....		
$\varepsilon_{33}$	=	.....		
$\varepsilon_{12}$	=	$\varepsilon_{21}$	=	.....
$\varepsilon_{23}$	=	$\varepsilon_{32}$	=	.....
$\varepsilon_{31}$	=	$\varepsilon_{13}$	=	.....

1. Calcul de  $\omega_{ij,k} = \varepsilon_{ki,j} - \varepsilon_{jk,i}$

3. Calcul de  $u_{i,j} = \varepsilon_{ij} + \omega_{ij}$

$\omega_{12,1}$	=	$\varepsilon_{11,2} - \varepsilon_{21,1}$	=	.....
$\omega_{12,2}$	=	$\varepsilon_{21,2} - \varepsilon_{22,1}$	=	.....
$\omega_{12,3}$	=	$\varepsilon_{31,2} - \varepsilon_{23,1}$	=	.....

$u_{1,1}$	=	$\varepsilon_{11}$	=	.....
$u_{1,2}$	=	$\varepsilon_{12} + \omega_{12}$	=	$-r +$ .....
$u_{1,3}$	=	$\varepsilon_{13} - \omega_{31}$	=	$+q +$ .....

$\omega_{23,1}$	=	$\varepsilon_{12,3} - \varepsilon_{31,2}$	=	.....
$\omega_{23,2}$	=	$\varepsilon_{22,3} - \varepsilon_{32,2}$	=	.....
$\omega_{23,3}$	=	$\varepsilon_{32,3} - \varepsilon_{33,2}$	=	.....

$u_{2,1}$	=	$\varepsilon_{21} - \omega_{12}$	=	$+r +$ .....
$u_{2,2}$	=	$\varepsilon_{22}$	=	.....
$u_{2,3}$	=	$\varepsilon_{23} + \omega_{23}$	=	$-p +$ .....

$\omega_{31,1}$	=	$\varepsilon_{13,1} - \varepsilon_{11,3}$	=	.....
$\omega_{31,2}$	=	$\varepsilon_{23,1} - \varepsilon_{12,3}$	=	.....
$\omega_{31,3}$	=	$\varepsilon_{33,1} - \varepsilon_{13,3}$	=	.....

$u_{3,1}$	=	$\varepsilon_{31} + \omega_{31}$	=	$-q +$ .....
$u_{3,2}$	=	$\varepsilon_{32} - \omega_{23}$	=	$+p +$ .....
$u_{3,3}$	=	$\varepsilon_{33}$	=	.....

2. Calcul de  $\omega_{ij}$

4. Calcul de  $u_i$

$\omega_{12}$	=	$-r +$ .....
$\omega_{23}$	=	$-p +$ .....
$\omega_{31}$	=	$-q +$ .....

$u_1$	=	$\lambda_1 - rx_2 + qx_3 +$ .....
$u_2$	=	$\lambda_2 - px_3 + rx_1 +$ .....
$u_3$	=	$\lambda_3 - qx_1 + px_2 +$ .....