

(After deformation)

$$\begin{array}{c} P_2 \\ P_1 \end{array} \begin{array}{c} x \\ x \end{array} \begin{array}{c} (x+dx+u+du, y+dy+v+dv, z+dz+w+dw) \\ (x+u, y+v, z+w) \end{array}$$

$$\begin{array}{c} P_2 \\ P_1 \end{array} \begin{array}{c} x \\ x \end{array} \begin{array}{c} (x+dx, y+dy, z+dz) \\ (x, y, z) \end{array}$$

(Before deformation)