q.11a)

R_{x0x0} R_{y0x0} R_{y0y0}

$$R_{x0x0} = \frac{1}{2}(h_{x0,0x} + h_{0x,x0} - h_{xx,00} - h_{00,xx})$$

$$= -\frac{1}{2} h_{xx,00}$$

$$R_{y0x0} = \frac{1}{2}(h_{y0,0x} + h_{0x,y0} - h_{yx,00} - h_{00,yx})$$

$$= -\frac{1}{2} h_{yx,00} = -\frac{1}{2} h_{xy,00}$$

$$R_{y0y0} = \frac{1}{2}(h_{y0,0y} + h_{0y,y0} - h_{yy,00} - h_{00,yy})$$

$$= -\frac{1}{2} h_{yy,00} = \frac{1}{2} h_{xx,00} \quad (h_{yy} = -h_{xx})$$