



4. 
$$2 \times a_{x}^{2} + 2 \times a_{y}^{2} - a_{z}^{2}$$
 $\sqrt{4} \times 2 + 4 \times 2 + 1}$ 
 $\sqrt{4} \times 2 + 4 \times 2 + 1}$ 
 $\sqrt{4} \times 4 \times 4 + 1 = 3$ 
 $-\frac{2}{3} \cdot a_{x}^{2} - \frac{2}{3} \cdot a_{y}^{2} - \frac{1}{3} \cdot a_{z}^{2}$ 
 $-\frac{2}{3} \cdot a_{x}^{2} - \frac{2}{3} \cdot a_{y}^{2} + \frac{1}{3} \cdot a_{z}^{2}$ 
 $-\frac{2}{3} \cdot a_{x}^{2} - \frac{2}{3} \cdot a_{y}^{2} + \frac{1}{3} \cdot a_{z}^{2}$ 
 $-\frac{2}{3} \cdot a_{x}^{2} - \frac{2}{3} \cdot a_{y}^{2} + \frac{1}{3} \cdot a_{z}^{2}$ 
 $-\frac{2}{3} \cdot a_{x}^{2} - \frac{2}{3} \cdot a_{y}^{2} + \frac{1}{3} \cdot a_{z}^{2}$ 
 $-\frac{2}{3} \cdot a_{x}^{2} - \frac{2}{3} \cdot a_{y}^{2} + \frac{1}{3} \cdot a_{z}^{2}$ 
 $-\frac{2}{3} \cdot a_{x}^{2} - \frac{2}{3} \cdot a_{y}^{2} + \frac{1}{3} \cdot a_{z}^{2}$ 
 $-\frac{2}{3} \cdot a_{x}^{2} - \frac{2}{3} \cdot a_{y}^{2} + \frac{1}{3} \cdot a_{z}^{2}$ 
 $-\frac{2}{3} \cdot a_{x}^{2} - \frac{2}{3} \cdot a_{x}^{2}$ 
 $-\frac{2}{3} \cdot a_{x}^{2} - \frac{2}{3} \cdot a_{x}^{2}$