1) Les la componente i-ésime del vector  $\nabla f(r)$ :

$$(\Delta t(L))! = 9! t(L) = \frac{9x!}{9!} t(L) = \frac{9x!}{9!} \frac{9L}{9!} \frac{9L}{9!} (L)$$

$$= (9^i r) \frac{q}{q} t(r)$$

$$(\Delta t(\lambda))^{i} = \frac{\lambda}{\chi^{i}} \frac{q^{i}}{q^{i}} t(\lambda)$$

2) 
$$\nabla \cdot \vec{F}(r) = \dot{\partial}_i F_i(r) = \partial F_i(r) = \partial F_i(r)$$

3)  $\nabla f(\xi) = \nabla f(\vec{A} \cdot \vec{r})$ , le componente i-esima está dada por la expressión:

= 
$$\frac{1}{3}$$
  $f(\xi) = \frac{1}{3}$   $\frac{1}{3}$   $\frac{1}{$