Change of coordinates (Lamb)

$$F(x+u\delta t, y+v\delta t, z+u\delta t, t+\delta t)$$

$$= F + u\delta t \frac{JF}{Jx} + v\delta t \frac{JF}{Jy} + w\delta t \frac{JF}{Jx} + \delta t \frac{JF}{Jx}$$

$$= F + u\delta t \frac{JF}{Jx} + v\delta t \frac{JF}{Jy} + w\delta t \frac{JF}{Jx} + \delta t \frac{JF}{Jx} + v \frac{JF}{Jy} + w \frac{JF}{Jx}$$

$$= F + u\delta t \frac{JF}{Jx} + v\delta t \frac{JF}{Jy} + w\delta t \frac{JF}{Jx} + v \frac{JF}{Jy} + w \frac{JF}{Jx}$$

$$= F + u\delta t \frac{JF}{Jx} + v\delta t \frac{JF}{Jy} + w\delta t \frac{JF}{Jx} + v \frac{JF}{Jy} + w \frac{JF}{Jx} + v \frac{JF}{$$

DE=TE-LEXP



Change of coordinates (Lamb)

let
$$N \rightarrow r$$
 $y \rightarrow 0$
 $y \rightarrow$

Change of coordinates (Lamb)

let
$$x \rightarrow r$$
 $y \rightarrow 0$ $x \rightarrow \phi$

let $x \rightarrow r$ $y \rightarrow 0$ $x \rightarrow \phi$
 $y \rightarrow 0$ $y \rightarrow \omega_{\phi} = \frac{1}{r^{5}} \frac{1}$