BRIEF ARTICLE

THE AUTHOR

$$u = \frac{N_v(x,y)\lambda\hat{u}(x,y) - N_v(x,y)I_t(x,y)I_x(x,y) - \hat{v}(x,y)I_x(x,y)I_y(x,y) + \hat{u}(x,y)I_y^2(x,y)}{N_v(x,y)[N_v(x,y)\lambda + I_x^2(x,y) + I_y^2(x,y)]}$$

La solucion

$$u = \hat{u}(x,y) - \frac{(I_x(x,y)\hat{u}(x,y) + I_y(x,y)\hat{v}(x,y) + N_v(x,y)I_t(x,y))I_x(x,y)}{N_v(x,y)[N_v(x,y)\lambda + I_x^2(x,y) + I_y^2(x,y)]}$$

$$v = \frac{N_v(x,y)\lambda\hat{v}(x,y) - N_v(x,y)I_t(x,y)I_y(x,y) - \hat{u}(x,y)I_x(x,y)I_y(x,y) + \hat{v}(x,y)I_x^2(x,y)}{N_v(x,y)[N_v(x,y)\lambda + I_x^2(x,y) + I_y^2(x,y)]}$$