

Risultati 3 DOF

N.B.:

- in viola 3DOF con algoritmo del gradiente;
- in celeste 3DOF con algoritmo di newton;
- in verde robot vero;
- in arancione robot phantom;

$\phi=0.0=0.0$

Newton: $\phi=0.0=0.0$

Gradiente: $\phi=0.0=0.0$

$q_1=0.0$

$q_2=+0.0$

$q_3=0.0$

$q_{1v}=0.0$

$q_{2v}=+0.0$

$q_{3v}=0.0$

Newton

$q_1=-29.32154$

$q_2=58.64308$

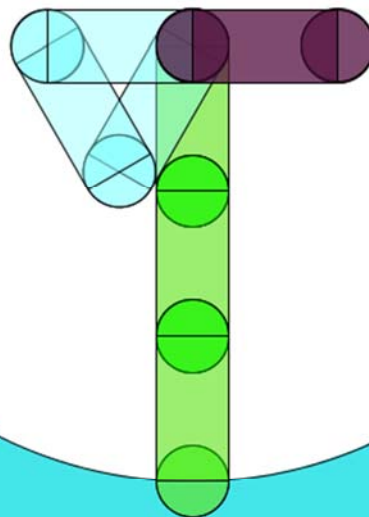
$q_3=-29.32154$

Gradiente

$q_1=0.0$

$q_2=-3.1415915$

$q_3=3.1415915$



$\phi = 0.523599 = -1.0471973$

Newton: $\phi = 0.523599 = 0.5236037$

Gradiente: $\phi = 0.523599 = 0.5235987$

$q_1 = -3.349103$
 $q_2 = +1.7768532$
 $q_3 = 0.5250524$

$q_{1v} = -3.349104$
 $q_{2v} = +1.7768526$
 $q_{3v} = 0.52505267$

Newton

$q_1 = -12.567828$
 $q_2 = 17.07271$
 $q_3 = -3.9812782$

Gradiente

$q_1 = -1.7586368$
 $q_2 = -4.5207477$
 $q_3 = 6.8029833$

