Warning: Could not find appropriate function on path loading function handle

C:\Users\gaiag\AppData\Local\Temp\Editor\_husmm\LiveEditorEvaluationHelperE1991302119.m>@(k,gradfk)0.5

> In F27\_F79Precond\_quardratico (line 8)

Warning: Could not find appropriate function on path loading function handle

C:\Users\gaiag\AppData\Local\Temp\Editor\_husmm\LiveEditorEvaluationHelperE1991302119.m>@(k,gradfk)min(0.5,norm(gradfk))

> In F27\_F79Precond\_quardratico (line 8)

Warning: Could not find appropriate function on path loading function handle

C:\Users\gaiag\AppData\Local\Temp\Editor\_husmm\LiveEditorEvaluationHelperE1991302119.m>@(k,gradfk)min(0.5,norm(gradfk)^0.5)

> In F27\_F79Precond\_quardratico (line 8)

N=10^3 F27

Condizione iniziale n. 1

Exact derivatives: Procedure stopped in 41 steps, with gradient norm 6.3957e-09

Finite differences (classical version) with h=1e-2 : Procedure stopped because the maximum number of iterations was reached

Finite differences (new version) with h=1e-2 : Procedure stopped because the maximum number of iterations was reached

Finite differences (classical version) with h=1e-4 : Procedure stopped in 41 steps, with gradient norm 7.4985e-09

Finite differences (new version) with h=1e-4 : Procedure stopped in 41 steps, with gradient norm 1.3534e-07

Finite differences (classical version) with h=1e-6 : Procedure stopped in 41 steps, with gradient norm 6.079e-09

Finite differences (new version) with h=1e-6 : Procedure stopped in 41 steps, with gradient norm 6.3453e-09

Finite differences (classical version) with h=1e-8 : Procedure stopped in 41 steps, with gradient norm 6.3924e-09

Finite differences (new version) with h=1e-8 : Procedure stopped in 41 steps, with gradient norm 6.3953e-09

Finite differences (classical version) with h=1e-10 : Procedure stopped in 41 steps, with gradient norm 6.3957e-09

Finite differences (new version) with h=1e-10 : Procedure stopped in 41 steps, with gradient norm 6.3957e-09

Finite differences (classical version) with h=1e-12 : Procedure stopped in 41 steps, with gradient norm 6.3957e-09

Finite differences (new version) with h=1e-12 : Procedure stopped in 41 steps, with gradient norm 6.3957e-09

Condizione iniziale n. 2

Exact derivatives: Procedure stopped in 41 steps, with gradient norm 6.3379e-09

Finite differences (classical version) with h=1e-2 : Procedure stopped because the maximum number of iterations was reached

Finite differences (new version) with h=1e-2 : Procedure stopped because the maximum number of iterations was reached

Finite differences (classical version) with h=1e-4 : Procedure stopped in 41 steps, with gradient norm 7.4783e-09

Finite differences (new version) with h=1e-4 : Procedure stopped in 41 steps, with gradient norm 1.346e-07

Finite differences (classical version) with h=1e-6 : Procedure stopped in 41 steps, with gradient norm 6.0253e-09

Finite differences (new version) with h=1e-6 : Procedure stopped in 41 steps, with gradient norm 6.2879e-09

Finite differences (classical version) with h=1e-8 : Procedure stopped in 41 steps, with gradient norm 6.3346e-09

Finite differences (new version) with h=1e-8 : Procedure stopped in 41 steps, with gradient norm 6.3375e-09

Finite differences (classical version) with h=1e-10 : Procedure stopped in 41 steps, with gradient norm 6.3379e-09

Finite differences (new version) with h=1e-10 : Procedure stopped in 41 steps, with gradient norm 6.3379e-09

Finite differences (classical version) with h=1e-12 : Procedure stopped in 41 steps, with gradient norm 6.3379e-09

Finite differences (new version) with h=1e-12 : Procedure stopped in 41 steps, with gradient norm 6.3379e-09

Condizione iniziale n. 3

Exact derivatives: Procedure stopped in 41 steps, with gradient norm 6.3978e-09

Finite differences (classical version) with h=1e-2 : Procedure stopped because the maximum number of iterations was reached

Finite differences (new version) with h=1e-2 : Procedure stopped in 40 steps, with gradient norm 1.4753e-07

Finite differences (classical version) with h=1e-4 : Procedure stopped in 41 steps, with gradient norm 7.496e-09

Finite differences (new version) with h=1e-4 : Procedure stopped in 41 steps, with gradient norm 1.3659e-07

Finite differences (classical version) with h=1e-6 : Procedure stopped in 41 steps, with gradient norm 6.0808e-09

Finite differences (new version) with h=1e-6 : Procedure stopped in 41 steps, with gradient norm 6.3474e-09

Finite differences (classical version) with h=1e-8 : Procedure stopped in 41 steps, with gradient norm 6.3945e-09

Finite differences (new version) with h=1e-8 : Procedure stopped in 41 steps, with gradient norm 6.3974e-09

Finite differences (classical version) with h=1e-10 : Procedure stopped in 41 steps, with gradient norm 6.3978e-09

Finite differences (new version) with h=1e-10 : Procedure stopped in 41 steps, with gradient norm 6.3978e-09

Finite differences (classical version) with h=1e-12 : Procedure stopped in 41 steps, with gradient norm 6.3978e-09

Finite differences (new version) with h=1e-12 : Procedure stopped in 41 steps, with gradient norm 6.3978e-09

Condizione iniziale n. 4

Exact derivatives: Procedure stopped in 41 steps, with gradient norm 6.4474e-09

Finite differences (classical version) with h=1e-2 : Procedure stopped because the maximum number of iterations was reached

Finite differences (new version) with h=1e-2 : Procedure stopped because the maximum number of iterations was reached

Finite differences (classical version) with h=1e-4 : Procedure stopped in 41 steps, with gradient norm 7.5222e-09

Finite differences (new version) with h=1e-4 : Procedure stopped in 41 steps, with gradient norm 1.3361e-07

Finite differences (classical version) with h=1e-6 : Procedure stopped in 41 steps, with gradient norm 6.1273e-09

Finite differences (new version) with h=1e-6 : Procedure stopped in 41 steps, with gradient norm 6.3967e-09

Finite differences (classical version) with h=1e-8 : Procedure stopped in 41 steps, with gradient norm 6.4441e-09

Finite differences (new version) with h=1e-8 : Procedure stopped in 41 steps, with gradient norm 6.447e-09

Finite differences (classical version) with h=1e-10 : Procedure stopped in 41 steps, with gradient norm 6.4474e-09

Finite differences (new version) with h=1e-10 : Procedure stopped in 41 steps, with gradient norm 6.4474e-09

Finite differences (classical version) with h=1e-12 : Procedure stopped in 41 steps, with gradient norm 6.4474e-09

Finite differences (new version) with h=1e-12 : Procedure stopped in 41 steps, with gradient norm 6.4474e-09

Condizione iniziale n. 5

Exact derivatives: Procedure stopped in 41 steps, with gradient norm 6.1693e-09

Finite differences (classical version) with h=1e-2 : Procedure stopped because the maximum number of iterations was reached

Finite differences (new version) with h=1e-2 : Procedure stopped because the maximum number of iterations was reached

Finite differences (classical version) with h=1e-4 : Procedure stopped in 41 steps, with gradient norm 7.4212e-09

Finite differences (new version) with h=1e-4 : Procedure stopped in 41 steps, with gradient norm 1.3234e-07

Finite differences (classical version) with h=1e-6 : Procedure stopped in 41 steps, with gradient norm 5.8687e-09

Finite differences (new version) with h=1e-6 : Procedure stopped in 41 steps, with gradient norm 6.1204e-09

Finite differences (classical version) with h=1e-8 : Procedure stopped in 41 steps, with gradient norm 6.1661e-09

Finite differences (new version) with h=1e-8 : Procedure stopped in 41 steps, with gradient norm 6.1689e-09

Finite differences (classical version) with h=1e-10 : Procedure stopped in 41 steps, with gradient norm 6.1692e-09

Finite differences (new version) with h=1e-10 : Procedure stopped in 41 steps, with gradient norm 6.1693e-09

Finite differences (classical version) with h=1e-12 : Procedure stopped in 41 steps, with gradient norm 6.1693e-09

Finite differences (new version) with h=1e-12 : Procedure stopped in 41 steps, with gradient norm 6.1693e-09

Condizione iniziale n. 6

Exact derivatives: Procedure stopped in 41 steps, with gradient norm 6.3585e-09

Finite differences (classical version) with h=1e-2 : Procedure stopped because the maximum number of iterations was reached

Finite differences (new version) with h=1e-2 : Procedure stopped because the maximum number of iterations was reached

Finite differences (classical version) with h=1e-4 : Procedure stopped in 41 steps, with gradient norm 7.4849e-09

Finite differences (new version) with h=1e-4 : Procedure stopped in 41 steps, with gradient norm 1.3417e-07

Finite differences (classical version) with h=1e-6 : Procedure stopped in 41 steps, with gradient norm 6.0444e-09

Finite differences (new version) with h=1e-6 : Procedure stopped in 41 steps, with gradient norm 6.3084e-09

Finite differences (classical version) with h=1e-8 : Procedure stopped in 41 steps, with gradient norm 6.3552e-09

Finite differences (new version) with h=1e-8 : Procedure stopped in 41 steps, with gradient norm 6.3582e-09

Finite differences (classical version) with h=1e-10 : Procedure stopped in 41 steps, with gradient norm 6.3585e-09

Finite differences (new version) with h=1e-10 : Procedure stopped in 41 steps, with gradient norm 6.3585e-09

Finite differences (classical version) with h=1e-12 : Procedure stopped in 41 steps, with gradient norm 6.3585e-09

Finite differences (new version) with h=1e-12 : Procedure stopped in 41 steps, with gradient norm 6.3585e-09

Condizione iniziale n. 7

Exact derivatives: Procedure stopped in 41 steps, with gradient norm 6.3062e-09

Finite differences (classical version) with h=1e-2 : Procedure stopped because the maximum number of iterations was reached

Finite differences (new version) with h=1e-2 : Procedure stopped because the maximum number of iterations was reached

Finite differences (classical version) with h=1e-4 : Procedure stopped in 41 steps, with gradient norm 7.4708e-09

Finite differences (new version) with h=1e-4 : Procedure stopped in 41 steps, with gradient norm 1.3668e-07

Finite differences (classical version) with h=1e-6 : Procedure stopped in 41 steps, with gradient norm 5.996e-09

Finite differences (new version) with h=1e-6 : Procedure stopped in 41 steps, with gradient norm 6.2564e-09

Finite differences (classical version) with h=1e-8 : Procedure stopped in 41 steps, with gradient norm 6.3029e-09

Finite differences (new version) with h=1e-8 : Procedure stopped in 41 steps, with gradient norm 6.3058e-09

Finite differences (classical version) with h=1e-10 : Procedure stopped in 41 steps, with gradient norm 6.3061e-09

Finite differences (new version) with h=1e-10 : Procedure stopped in 41 steps, with gradient norm 6.3062e-09

Finite differences (classical version) with h=1e-12 : Procedure stopped in 41 steps, with gradient norm 6.3062e-09

Finite differences (new version) with h=1e-12 : Procedure stopped in 41 steps, with gradient norm 6.3062e-09

Condizione iniziale n. 8

Exact derivatives: Procedure stopped in 41 steps, with gradient norm 6.3973e-09

Finite differences (classical version) with h=1e-2 : Procedure stopped because the maximum number of iterations was reached

Finite differences (new version) with h=1e-2 : Procedure stopped because the maximum number of iterations was reached

Finite differences (classical version) with h=1e-4 : Procedure stopped in 41 steps, with gradient norm 7.5056e-09

Finite differences (new version) with h=1e-4 : Procedure stopped in 41 steps, with gradient norm 1.3427e-07

Finite differences (classical version) with h=1e-6 : Procedure stopped in 41 steps, with gradient norm 6.0808e-09

Finite differences (new version) with h=1e-6 : Procedure stopped in 41 steps, with gradient norm 6.3469e-09

Finite differences (classical version) with h=1e-8 : Procedure stopped in 41 steps, with gradient norm 6.394e-09

Finite differences (new version) with h=1e-8 : Procedure stopped in 41 steps, with gradient norm 6.3969e-09

Finite differences (classical version) with h=1e-10 : Procedure stopped in 41 steps, with gradient norm 6.3972e-09

Finite differences (new version) with h=1e-10 : Procedure stopped in 41 steps, with gradient norm 6.3973e-09

Finite differences (classical version) with h=1e-12 : Procedure stopped in 41 steps, with gradient norm 6.3973e-09

Finite differences (new version) with h=1e-12 : Procedure stopped in 41 steps, with gradient norm 6.3973e-09

Condizione iniziale n. 9

Exact derivatives: Procedure stopped in 41 steps, with gradient norm 6.1975e-09

Finite differences (classical version) with h=1e-2 : Procedure stopped because the maximum number of iterations was reached

Finite differences (new version) with h=1e-2 : Procedure stopped because the maximum number of iterations was reached

Finite differences (classical version) with h=1e-4 : Procedure stopped in 41 steps, with gradient norm 7.4209e-09

Finite differences (new version) with h=1e-4 : Procedure stopped in 41 steps, with gradient norm 1.3236e-07

Finite differences (classical version) with h=1e-6 : Procedure stopped in 41 steps, with gradient norm 5.8944e-09

Finite differences (new version) with h=1e-6 : Procedure stopped in 41 steps, with gradient norm 6.1484e-09

Finite differences (classical version) with h=1e-8 : Procedure stopped in 41 steps, with gradient norm 6.1943e-09

Finite differences (new version) with h=1e-8 : Procedure stopped in 41 steps, with gradient norm 6.1971e-09

Finite differences (classical version) with h=1e-10 : Procedure stopped in 41 steps, with gradient norm 6.1975e-09

Finite differences (new version) with h=1e-10 : Procedure stopped in 41 steps, with gradient norm 6.1975e-09

Finite differences (classical version) with h=1e-12 : Procedure stopped in 41 steps, with gradient norm 6.1975e-09

Finite differences (new version) with h=1e-12 : Procedure stopped in 41 steps, with gradient norm 6.1975e-09

Condizione iniziale n. 10

Exact derivatives: Procedure stopped in 41 steps, with gradient norm 6.38e-09

Finite differences (classical version) with h=1e-2 : Procedure stopped because the maximum number of iterations was reached

Finite differences (new version) with h=1e-2 : Procedure stopped because the maximum number of iterations was reached

Finite differences (classical version) with h=1e-4 : Procedure stopped in 41 steps, with gradient norm 7.4859e-09

Finite differences (new version) with h=1e-4 : Procedure stopped in 41 steps, with gradient norm 1.3442e-07

Finite differences (classical version) with h=1e-6 : Procedure stopped in 41 steps, with gradient norm 6.064e-09

Finite differences (new version) with h=1e-6 : Procedure stopped in 41 steps, with gradient norm 6.3296e-09

Finite differences (classical version) with h=1e-8 : Procedure stopped in 41 steps, with gradient norm 6.3766e-09

Finite differences (new version) with h=1e-8 : Procedure stopped in 41 steps, with gradient norm 6.3796e-09

Finite differences (classical version) with h=1e-10 : Procedure stopped in 41 steps, with gradient norm 6.3799e-09

Finite differences (new version) with h=1e-10 : Procedure stopped in 41 steps, with gradient norm 6.38e-09

Finite differences (classical version) with h=1e-12 : Procedure stopped in 41 steps, with gradient norm 6.38e-09

Finite differences (new version) with h=1e-12 : Procedure stopped in 41 steps, with gradient norm 6.38e-09

Condizione iniziale n. 11

Exact derivatives: Procedure stopped in 41 steps, with gradient norm 6.5184e-09

Finite differences (classical version) with h=1e-2 : Procedure stopped because the maximum number of iterations was reached

Finite differences (new version) with h=1e-2 : Procedure stopped because the maximum number of iterations was reached

Finite differences (classical version) with h=1e-4 : Procedure stopped in 41 steps, with gradient norm 7.5465e-09

Finite differences (new version) with h=1e-4 : Procedure stopped in 41 steps, with gradient norm 1.3431e-07

Finite differences (classical version) with h=1e-6 : Procedure stopped in 41 steps, with gradient norm 6.1933e-09

Finite differences (new version) with h=1e-6 : Procedure stopped in 41 steps, with gradient norm 6.4672e-09

Finite differences (classical version) with h=1e-8 : Procedure stopped in 41 steps, with gradient norm 6.515e-09

Finite differences (new version) with h=1e-8 : Procedure stopped in 41 steps, with gradient norm 6.518e-09

Finite differences (classical version) with h=1e-10 : Procedure stopped in 41 steps, with gradient norm 6.5184e-09

Finite differences (new version) with h=1e-10 : Procedure stopped in 41 steps, with gradient norm 6.5184e-09

Finite differences (classical version) with h=1e-12 : Procedure stopped in 41 steps, with gradient norm 6.5184e-09

Finite differences (new version) with h=1e-12 : Procedure stopped in 41 steps, with gradient norm 6.5184e-09

N=10^4 F27

Condizione iniziale n. 1

Exact derivatives: Procedure stopped in 47 steps, with gradient norm 2.0432e-10

Finite differences (classical version) with h=1e-2 : Procedure stopped because the maximum number of iterations was reached

Finite differences (new version) with h=1e-2 : Procedure stopped because the maximum number of iterations was reached

Finite differences (classical version) with h=1e-4 : Procedure stopped in 46 steps, with gradient norm 4.5148e-08

Finite differences (new version) with h=1e-4 : Procedure stopped in 47 steps, with gradient norm 9.2093e-08

Finite differences (classical version) with h=1e-6 : Procedure stopped in 47 steps, with gradient norm 3.1816e-10

Finite differences (new version) with h=1e-6 : Procedure stopped in 47 steps, with gradient norm 2.0361e-10

Finite differences (classical version) with h=1e-8 : Procedure stopped in 47 steps, with gradient norm 2.0546e-10

Finite differences (new version) with h=1e-8 : Procedure stopped in 47 steps, with gradient norm 2.0433e-10

Finite differences (classical version) with h=1e-10 : Procedure stopped in 47 steps, with gradient norm 2.0433e-10

Finite differences (new version) with h=1e-10 : Procedure stopped in 47 steps, with gradient norm 2.0432e-10

Finite differences (classical version) with h=1e-12 : Procedure stopped in 47 steps, with gradient norm 2.0432e-10

Finite differences (new version) with h=1e-12 : Procedure stopped in 47 steps, with gradient norm 2.0432e-10

Condizione iniziale n. 2

Exact derivatives: Procedure stopped in 47 steps, with gradient norm 2.0431e-10

Finite differences (classical version) with h=1e-2 : Procedure stopped because the maximum number of iterations was reached

Finite differences (new version) with h=1e-2 : Procedure stopped because the maximum number of iterations was reached

Finite differences (classical version) with h=1e-4 : Procedure stopped in 46 steps, with gradient norm 4.5148e-08

Finite differences (new version) with h=1e-4 : Procedure stopped in 47 steps, with gradient norm 9.2087e-08

Finite differences (classical version) with h=1e-6 : Procedure stopped in 47 steps, with gradient norm 3.1815e-10

Finite differences (new version) with h=1e-6 : Procedure stopped in 47 steps, with gradient norm 2.036e-10

Finite differences (classical version) with h=1e-8 : Procedure stopped in 47 steps, with gradient norm 2.0545e-10

Finite differences (new version) with h=1e-8 : Procedure stopped in 47 steps, with gradient norm 2.0432e-10

Finite differences (classical version) with h=1e-10 : Procedure stopped in 47 steps, with gradient norm 2.0432e-10

Finite differences (new version) with h=1e-10 : Procedure stopped in 47 steps, with gradient norm 2.0431e-10

Finite differences (classical version) with h=1e-12 : Procedure stopped in 47 steps, with gradient norm 2.0431e-10

Finite differences (new version) with h=1e-12 : Procedure stopped in 47 steps, with gradient norm 2.0431e-10

Condizione iniziale n. 3

Exact derivatives: Procedure stopped in 47 steps, with gradient norm 2.0432e-10

Finite differences (classical version) with h=1e-2 : Procedure stopped because the maximum number of iterations was reached

Finite differences (new version) with h=1e-2 : Procedure stopped because the maximum number of iterations was reached

Finite differences (classical version) with h=1e-4 : Procedure stopped in 46 steps, with gradient norm 4.5148e-08

Finite differences (new version) with h=1e-4 : Procedure stopped in 47 steps, with gradient norm 9.2092e-08

Finite differences (classical version) with h=1e-6 : Procedure stopped in 47 steps, with gradient norm 3.1816e-10

Finite differences (new version) with h=1e-6 : Procedure stopped in 47 steps, with gradient norm 2.0361e-10

Finite differences (classical version) with h=1e-8 : Procedure stopped in 47 steps, with gradient norm 2.0546e-10

Finite differences (new version) with h=1e-8 : Procedure stopped in 47 steps, with gradient norm 2.0433e-10

Finite differences (classical version) with h=1e-10 : Procedure stopped in 47 steps, with gradient norm 2.0433e-10

Finite differences (new version) with h=1e-10 : Procedure stopped in 47 steps, with gradient norm 2.0432e-10

Finite differences (classical version) with h=1e-12 : Procedure stopped in 47 steps, with gradient norm 2.0432e-10

Finite differences (new version) with h=1e-12 : Procedure stopped in 47 steps, with gradient norm 2.0432e-10

Condizione iniziale n. 4

Exact derivatives: Procedure stopped in 47 steps, with gradient norm 2.0431e-10

Finite differences (classical version) with h=1e-2 : Procedure stopped because the maximum number of iterations was reached

Finite differences (new version) with h=1e-2 : Procedure stopped because the maximum number of iterations was reached

Finite differences (classical version) with h=1e-4 : Procedure stopped in 46 steps, with gradient norm 4.5147e-08

Finite differences (new version) with h=1e-4 : Procedure stopped in 47 steps, with gradient norm 9.2089e-08

Finite differences (classical version) with h=1e-6 : Procedure stopped in 47 steps, with gradient norm 3.1815e-10

Finite differences (new version) with h=1e-6 : Procedure stopped in 47 steps, with gradient norm 2.036e-10

Finite differences (classical version) with h=1e-8 : Procedure stopped in 47 steps, with gradient norm 2.0545e-10

Finite differences (new version) with h=1e-8 : Procedure stopped in 47 steps, with gradient norm 2.0432e-10

Finite differences (classical version) with h=1e-10 : Procedure stopped in 47 steps, with gradient norm 2.0433e-10

Finite differences (new version) with h=1e-10 : Procedure stopped in 47 steps, with gradient norm 2.0431e-10

Finite differences (classical version) with h=1e-12 : Procedure stopped in 47 steps, with gradient norm 2.0431e-10

Finite differences (new version) with h=1e-12 : Procedure stopped in 47 steps, with gradient norm 2.0431e-10

Condizione iniziale n. 5

Exact derivatives: Procedure stopped in 47 steps, with gradient norm 2.0432e-10

Finite differences (classical version) with h=1e-2 : Procedure stopped because the maximum number of iterations was reached

Finite differences (new version) with h=1e-2 : Procedure stopped because the maximum number of iterations was reached

Finite differences (classical version) with h=1e-4 : Procedure stopped in 46 steps, with gradient norm 4.5147e-08

Finite differences (new version) with h=1e-4 : Procedure stopped in 47 steps, with gradient norm 9.209e-08

Finite differences (classical version) with h=1e-6 : Procedure stopped in 47 steps, with gradient norm 3.1815e-10

Finite differences (new version) with h=1e-6 : Procedure stopped in 47 steps, with gradient norm 2.0361e-10

Finite differences (classical version) with h=1e-8 : Procedure stopped in 47 steps, with gradient norm 2.0545e-10

Finite differences (new version) with h=1e-8 : Procedure stopped in 47 steps, with gradient norm 2.0432e-10

Finite differences (classical version) with h=1e-10 : Procedure stopped in 47 steps, with gradient norm 2.0433e-10

Finite differences (new version) with h=1e-10 : Procedure stopped in 47 steps, with gradient norm 2.0432e-10

Finite differences (classical version) with h=1e-12 : Procedure stopped in 47 steps, with gradient norm 2.0432e-10

Finite differences (new version) with h=1e-12 : Procedure stopped in 47 steps, with gradient norm 2.0432e-10

Condizione iniziale n. 6

Exact derivatives: Procedure stopped in 47 steps, with gradient norm 2.043e-10

Finite differences (classical version) with h=1e-2 : Procedure stopped because the maximum number of iterations was reached

Finite differences (new version) with h=1e-2 : Procedure stopped because the maximum number of iterations was reached

Finite differences (classical version) with h=1e-4 : Procedure stopped in 46 steps, with gradient norm 4.5147e-08

Finite differences (new version) with h=1e-4 : Procedure stopped in 47 steps, with gradient norm 9.2083e-08

Finite differences (classical version) with h=1e-6 : Procedure stopped in 47 steps, with gradient norm 3.1813e-10

Finite differences (new version) with h=1e-6 : Procedure stopped in 47 steps, with gradient norm 2.0359e-10

Finite differences (classical version) with h=1e-8 : Procedure stopped in 47 steps, with gradient norm 2.0544e-10

Finite differences (new version) with h=1e-8 : Procedure stopped in 47 steps, with gradient norm 2.0431e-10

Finite differences (classical version) with h=1e-10 : Procedure stopped in 47 steps, with gradient norm 2.0432e-10

Finite differences (new version) with h=1e-10 : Procedure stopped in 47 steps, with gradient norm 2.043e-10

Finite differences (classical version) with h=1e-12 : Procedure stopped in 47 steps, with gradient norm 2.043e-10

Finite differences (new version) with h=1e-12 : Procedure stopped in 47 steps, with gradient norm 2.043e-10

Condizione iniziale n. 7

Exact derivatives: Procedure stopped in 47 steps, with gradient norm 2.0433e-10

Finite differences (classical version) with h=1e-2 : Procedure stopped because the maximum number of iterations was reached

Finite differences (new version) with h=1e-2 : Procedure stopped because the maximum number of iterations was reached

Finite differences (classical version) with h=1e-4 : Procedure stopped in 46 steps, with gradient norm 4.5148e-08

Finite differences (new version) with h=1e-4 : Procedure stopped in 47 steps, with gradient norm 9.2098e-08

Finite differences (classical version) with h=1e-6 : Procedure stopped in 47 steps, with gradient norm 3.1817e-10

Finite differences (new version) with h=1e-6 : Procedure stopped in 47 steps, with gradient norm 2.0362e-10

Finite differences (classical version) with h=1e-8 : Procedure stopped in 47 steps, with gradient norm 2.0547e-10

Finite differences (new version) with h=1e-8 : Procedure stopped in 47 steps, with gradient norm 2.0434e-10

Finite differences (classical version) with h=1e-10 : Procedure stopped in 47 steps, with gradient norm 2.0434e-10

Finite differences (new version) with h=1e-10 : Procedure stopped in 47 steps, with gradient norm 2.0433e-10

Finite differences (classical version) with h=1e-12 : Procedure stopped in 47 steps, with gradient norm 2.0433e-10

Finite differences (new version) with h=1e-12 : Procedure stopped in 47 steps, with gradient norm 2.0433e-10

Condizione iniziale n. 8

Exact derivatives: Procedure stopped in 47 steps, with gradient norm 2.0432e-10

Finite differences (classical version) with h=1e-2 : Procedure stopped because the maximum number of iterations was reached

Finite differences (new version) with h=1e-2 : Procedure stopped because the maximum number of iterations was reached

Finite differences (classical version) with h=1e-4 : Procedure stopped in 46 steps, with gradient norm 4.5148e-08

Finite differences (new version) with h=1e-4 : Procedure stopped in 47 steps, with gradient norm 9.2094e-08

Finite differences (classical version) with h=1e-6 : Procedure stopped in 47 steps, with gradient norm 3.1816e-10

Finite differences (new version) with h=1e-6 : Procedure stopped in 47 steps, with gradient norm 2.0362e-10

Finite differences (classical version) with h=1e-8 : Procedure stopped in 47 steps, with gradient norm 2.0546e-10

Finite differences (new version) with h=1e-8 : Procedure stopped in 47 steps, with gradient norm 2.0433e-10

Finite differences (classical version) with h=1e-10 : Procedure stopped in 47 steps, with gradient norm 2.0434e-10

Finite differences (new version) with h=1e-10 : Procedure stopped in 47 steps, with gradient norm 2.0432e-10

Finite differences (classical version) with h=1e-12 : Procedure stopped in 47 steps, with gradient norm 2.0432e-10

Finite differences (new version) with h=1e-12 : Procedure stopped in 47 steps, with gradient norm 2.0432e-10

Condizione iniziale n. 9

Exact derivatives: Procedure stopped in 47 steps, with gradient norm 2.0432e-10

Finite differences (classical version) with h=1e-2 : Procedure stopped because the maximum number of iterations was reached

Finite differences (new version) with h=1e-2 : Procedure stopped because the maximum number of iterations was reached

Finite differences (classical version) with h=1e-4 : Procedure stopped in 46 steps, with gradient norm 4.5148e-08

Finite differences (new version) with h=1e-4 : Procedure stopped in 47 steps, with gradient norm 9.209e-08

Finite differences (classical version) with h=1e-6 : Procedure stopped in 47 steps, with gradient norm 3.1815e-10

Finite differences (new version) with h=1e-6 : Procedure stopped in 47 steps, with gradient norm 2.0361e-10

Finite differences (classical version) with h=1e-8 : Procedure stopped in 47 steps, with gradient norm 2.0545e-10

Finite differences (new version) with h=1e-8 : Procedure stopped in 47 steps, with gradient norm 2.0432e-10

Finite differences (classical version) with h=1e-10 : Procedure stopped in 47 steps, with gradient norm 2.0433e-10

Finite differences (new version) with h=1e-10 : Procedure stopped in 47 steps, with gradient norm 2.0432e-10

Finite differences (classical version) with h=1e-12 : Procedure stopped in 47 steps, with gradient norm 2.0432e-10

Finite differences (new version) with h=1e-12 : Procedure stopped in 47 steps, with gradient norm 2.0432e-10

Condizione iniziale n. 10

Exact derivatives: Procedure stopped in 47 steps, with gradient norm 2.0432e-10

Finite differences (classical version) with h=1e-2 : Procedure stopped because the maximum number of iterations was reached

Finite differences (new version) with h=1e-2 : Procedure stopped because the maximum number of iterations was reached

Finite differences (classical version) with h=1e-4 : Procedure stopped in 46 steps, with gradient norm 4.5148e-08

Finite differences (new version) with h=1e-4 : Procedure stopped in 47 steps, with gradient norm 9.2092e-08

Finite differences (classical version) with h=1e-6 : Procedure stopped in 47 steps, with gradient norm 3.1816e-10

Finite differences (new version) with h=1e-6 : Procedure stopped in 47 steps, with gradient norm 2.0361e-10

Finite differences (classical version) with h=1e-8 : Procedure stopped in 47 steps, with gradient norm 2.0546e-10

Finite differences (new version) with h=1e-8 : Procedure stopped in 47 steps, with gradient norm 2.0433e-10

Finite differences (classical version) with h=1e-10 : Procedure stopped in 47 steps, with gradient norm 2.0433e-10

Finite differences (new version) with h=1e-10 : Procedure stopped in 47 steps, with gradient norm 2.0432e-10

Finite differences (classical version) with h=1e-12 : Procedure stopped in 47 steps, with gradient norm 2.0432e-10

Finite differences (new version) with h=1e-12 : Procedure stopped in 47 steps, with gradient norm 2.0432e-10

Condizione iniziale n. 11

Exact derivatives: Procedure stopped in 47 steps, with gradient norm 2.043e-10

Finite differences (classical version) with h=1e-2 : Procedure stopped because the maximum number of iterations was reached

Finite differences (new version) with h=1e-2 : Procedure stopped because the maximum number of iterations was reached

Finite differences (classical version) with h=1e-4 : Procedure stopped in 46 steps, with gradient norm 4.5147e-08

Finite differences (new version) with h=1e-4 : Procedure stopped in 47 steps, with gradient norm 9.208e-08

Finite differences (classical version) with h=1e-6 : Procedure stopped in 47 steps, with gradient norm 3.1813e-10

Finite differences (new version) with h=1e-6 : Procedure stopped in 47 steps, with gradient norm 2.0359e-10

Finite differences (classical version) with h=1e-8 : Procedure stopped in 47 steps, with gradient norm 2.0544e-10

Finite differences (new version) with h=1e-8 : Procedure stopped in 47 steps, with gradient norm 2.0431e-10

Finite differences (classical version) with h=1e-10 : Procedure stopped in 47 steps, with gradient norm 2.0431e-10

Finite differences (new version) with h=1e-10 : Procedure stopped in 47 steps, with gradient norm 2.043e-10

Finite differences (classical version) with h=1e-12 : Procedure stopped in 47 steps, with gradient norm 2.043e-10

Finite differences (new version) with h=1e-12 : Procedure stopped in 47 steps, with gradient norm 2.043e-10

N=10^5 F27

Condizione iniziale n. 1

Exact derivatives: Procedure stopped in 52 steps, with gradient norm 1.2512e-09

Finite differences (classical version) with h=1e-2 : Procedure stopped because the maximum number of iterations was reached

Finite differences (new version) with h=1e-2 : Procedure stopped in 55 steps, with gradient norm 2.851e-07

Finite differences (classical version) with h=1e-4 : Procedure stopped in 53 steps, with gradient norm 9.9608e-08

Finite differences (new version) with h=1e-4 : Procedure stopped in 52 steps, with gradient norm 2.9325e-10

Finite differences (classical version) with h=1e-6 : Procedure stopped in 52 steps, with gradient norm 1.729e-09

Finite differences (new version) with h=1e-6 : Procedure stopped in 52 steps, with gradient norm 1.2524e-09

Finite differences (classical version) with h=1e-8 : Procedure stopped in 52 steps, with gradient norm 1.2551e-09

Finite differences (new version) with h=1e-8 : Procedure stopped in 52 steps, with gradient norm 1.2512e-09

Finite differences (classical version) with h=1e-10 : Procedure stopped in 52 steps, with gradient norm 1.2512e-09

Finite differences (new version) with h=1e-10 : Procedure stopped in 52 steps, with gradient norm 1.2512e-09

Finite differences (classical version) with h=1e-12 : Procedure stopped in 52 steps, with gradient norm 1.2512e-09

Finite differences (new version) with h=1e-12 : Procedure stopped in 52 steps, with gradient norm 1.2512e-09

Condizione iniziale n. 2

Exact derivatives: Procedure stopped in 52 steps, with gradient norm 1.2512e-09

Finite differences (classical version) with h=1e-2 : Procedure stopped because the maximum number of iterations was reached

Finite differences (new version) with h=1e-2 : Procedure stopped in 55 steps, with gradient norm 2.851e-07

Finite differences (classical version) with h=1e-4 : Procedure stopped in 53 steps, with gradient norm 9.9608e-08

Finite differences (new version) with h=1e-4 : Procedure stopped in 52 steps, with gradient norm 2.9325e-10

Finite differences (classical version) with h=1e-6 : Procedure stopped in 52 steps, with gradient norm 1.729e-09

Finite differences (new version) with h=1e-6 : Procedure stopped in 52 steps, with gradient norm 1.2524e-09

Finite differences (classical version) with h=1e-8 : Procedure stopped in 52 steps, with gradient norm 1.2551e-09

Finite differences (new version) with h=1e-8 : Procedure stopped in 52 steps, with gradient norm 1.2512e-09

Finite differences (classical version) with h=1e-10 : Procedure stopped in 52 steps, with gradient norm 1.2512e-09

Finite differences (new version) with h=1e-10 : Procedure stopped in 52 steps, with gradient norm 1.2512e-09

Finite differences (classical version) with h=1e-12 : Procedure stopped in 52 steps, with gradient norm 1.2512e-09

Finite differences (new version) with h=1e-12 : Procedure stopped in 52 steps, with gradient norm 1.2512e-09

Condizione iniziale n. 3

Exact derivatives: Procedure stopped in 52 steps, with gradient norm 1.2512e-09

Finite differences (classical version) with h=1e-2 : Procedure stopped because the maximum number of iterations was reached

Finite differences (new version) with h=1e-2 : Procedure stopped in 55 steps, with gradient norm 2.851e-07

Finite differences (classical version) with h=1e-4 : Procedure stopped in 53 steps, with gradient norm 9.9607e-08

Finite differences (new version) with h=1e-4 : Procedure stopped in 52 steps, with gradient norm 2.9325e-10

Finite differences (classical version) with h=1e-6 : Procedure stopped in 52 steps, with gradient norm 1.729e-09

Finite differences (new version) with h=1e-6 : Procedure stopped in 52 steps, with gradient norm 1.2524e-09

Finite differences (classical version) with h=1e-8 : Procedure stopped in 52 steps, with gradient norm 1.2551e-09

Finite differences (new version) with h=1e-8 : Procedure stopped in 52 steps, with gradient norm 1.2512e-09

Finite differences (classical version) with h=1e-10 : Procedure stopped in 52 steps, with gradient norm 1.2512e-09

Finite differences (new version) with h=1e-10 : Procedure stopped in 52 steps, with gradient norm 1.2512e-09

Finite differences (classical version) with h=1e-12 : Procedure stopped in 52 steps, with gradient norm 1.2512e-09

Finite differences (new version) with h=1e-12 : Procedure stopped in 52 steps, with gradient norm 1.2512e-09

Condizione iniziale n. 4

Exact derivatives: Procedure stopped in 52 steps, with gradient norm 1.2512e-09

Finite differences (classical version) with h=1e-2 : Procedure stopped because the maximum number of iterations was reached

Finite differences (new version) with h=1e-2 : Procedure stopped in 55 steps, with gradient norm 2.851e-07

Finite differences (classical version) with h=1e-4 : Procedure stopped in 53 steps, with gradient norm 9.9608e-08

Finite differences (new version) with h=1e-4 : Procedure stopped in 52 steps, with gradient norm 2.9325e-10

Finite differences (classical version) with h=1e-6 : Procedure stopped in 52 steps, with gradient norm 1.729e-09

Finite differences (new version) with h=1e-6 : Procedure stopped in 52 steps, with gradient norm 1.2524e-09

Finite differences (classical version) with h=1e-8 : Procedure stopped in 52 steps, with gradient norm 1.2551e-09

Finite differences (new version) with h=1e-8 : Procedure stopped in 52 steps, with gradient norm 1.2512e-09

Finite differences (classical version) with h=1e-10 : Procedure stopped in 52 steps, with gradient norm 1.2512e-09

Finite differences (new version) with h=1e-10 : Procedure stopped in 52 steps, with gradient norm 1.2512e-09

Finite differences (classical version) with h=1e-12 : Procedure stopped in 52 steps, with gradient norm 1.2512e-09

Finite differences (new version) with h=1e-12 : Procedure stopped in 52 steps, with gradient norm 1.2512e-09

Condizione iniziale n. 5

Exact derivatives: Procedure stopped in 52 steps, with gradient norm 1.2512e-09

Finite differences (classical version) with h=1e-2 : Procedure stopped because the maximum number of iterations was reached

Finite differences (new version) with h=1e-2 : Procedure stopped in 55 steps, with gradient norm 2.851e-07

Finite differences (classical version) with h=1e-4 : Procedure stopped in 53 steps, with gradient norm 9.9608e-08

Finite differences (new version) with h=1e-4 : Procedure stopped in 52 steps, with gradient norm 2.9325e-10

Finite differences (classical version) with h=1e-6 : Procedure stopped in 52 steps, with gradient norm 1.729e-09

Finite differences (new version) with h=1e-6 : Procedure stopped in 52 steps, with gradient norm 1.2524e-09

Finite differences (classical version) with h=1e-8 : Procedure stopped in 52 steps, with gradient norm 1.2551e-09

Finite differences (new version) with h=1e-8 : Procedure stopped in 52 steps, with gradient norm 1.2512e-09

Finite differences (classical version) with h=1e-10 : Procedure stopped in 52 steps, with gradient norm 1.2512e-09

Finite differences (new version) with h=1e-10 : Procedure stopped in 52 steps, with gradient norm 1.2512e-09

Finite differences (classical version) with h=1e-12 : Procedure stopped in 52 steps, with gradient norm 1.2512e-09

Finite differences (new version) with h=1e-12 : Procedure stopped in 52 steps, with gradient norm 1.2512e-09

Condizione iniziale n. 6

Exact derivatives: Procedure stopped in 52 steps, with gradient norm 1.2512e-09

Finite differences (classical version) with h=1e-2 : Procedure stopped because the maximum number of iterations was reached

Finite differences (new version) with h=1e-2 : Procedure stopped in 55 steps, with gradient norm 2.851e-07

Finite differences (classical version) with h=1e-4 : Procedure stopped in 53 steps, with gradient norm 9.9608e-08

Finite differences (new version) with h=1e-4 : Procedure stopped in 52 steps, with gradient norm 2.9325e-10

Finite differences (classical version) with h=1e-6 : Procedure stopped in 52 steps, with gradient norm 1.729e-09

Finite differences (new version) with h=1e-6 : Procedure stopped in 52 steps, with gradient norm 1.2524e-09

Finite differences (classical version) with h=1e-8 : Procedure stopped in 52 steps, with gradient norm 1.2551e-09

Finite differences (new version) with h=1e-8 : Procedure stopped in 52 steps, with gradient norm 1.2512e-09

Finite differences (classical version) with h=1e-10 : Procedure stopped in 52 steps, with gradient norm 1.2512e-09

Finite differences (new version) with h=1e-10 : Procedure stopped in 52 steps, with gradient norm 1.2512e-09

Finite differences (classical version) with h=1e-12 : Procedure stopped in 52 steps, with gradient norm 1.2512e-09

Finite differences (new version) with h=1e-12 : Procedure stopped in 52 steps, with gradient norm 1.2512e-09

Condizione iniziale n. 7

Exact derivatives: Procedure stopped in 52 steps, with gradient norm 1.2512e-09

Finite differences (classical version) with h=1e-2 : Procedure stopped because the maximum number of iterations was reached

Finite differences (new version) with h=1e-2 : Procedure stopped in 55 steps, with gradient norm 2.851e-07

Finite differences (classical version) with h=1e-4 : Procedure stopped in 53 steps, with gradient norm 9.9608e-08

Finite differences (new version) with h=1e-4 : Procedure stopped in 52 steps, with gradient norm 2.9325e-10

Finite differences (classical version) with h=1e-6 : Procedure stopped in 52 steps, with gradient norm 1.729e-09

Finite differences (new version) with h=1e-6 : Procedure stopped in 52 steps, with gradient norm 1.2524e-09

Finite differences (classical version) with h=1e-8 : Procedure stopped in 52 steps, with gradient norm 1.2551e-09

Finite differences (new version) with h=1e-8 : Procedure stopped in 52 steps, with gradient norm 1.2512e-09

Finite differences (classical version) with h=1e-10 : Procedure stopped in 52 steps, with gradient norm 1.2512e-09

Finite differences (new version) with h=1e-10 : Procedure stopped in 52 steps, with gradient norm 1.2512e-09

Finite differences (classical version) with h=1e-12 : Procedure stopped in 52 steps, with gradient norm 1.2512e-09

Finite differences (new version) with h=1e-12 : Procedure stopped in 52 steps, with gradient norm 1.2512e-09

Condizione iniziale n. 8

Exact derivatives: Procedure stopped in 52 steps, with gradient norm 1.2512e-09

Finite differences (classical version) with h=1e-2 : Procedure stopped because the maximum number of iterations was reached

Finite differences (new version) with h=1e-2 : Procedure stopped in 55 steps, with gradient norm 2.851e-07

Finite differences (classical version) with h=1e-4 : Procedure stopped in 53 steps, with gradient norm 9.9607e-08

Finite differences (new version) with h=1e-4 : Procedure stopped in 52 steps, with gradient norm 2.9324e-10

Finite differences (classical version) with h=1e-6 : Procedure stopped in 52 steps, with gradient norm 1.729e-09

Finite differences (new version) with h=1e-6 : Procedure stopped in 52 steps, with gradient norm 1.2524e-09

Finite differences (classical version) with h=1e-8 : Procedure stopped in 52 steps, with gradient norm 1.2551e-09

Finite differences (new version) with h=1e-8 : Procedure stopped in 52 steps, with gradient norm 1.2512e-09

Finite differences (classical version) with h=1e-10 : Procedure stopped in 52 steps, with gradient norm 1.2512e-09

Finite differences (new version) with h=1e-10 : Procedure stopped in 52 steps, with gradient norm 1.2512e-09

Finite differences (classical version) with h=1e-12 : Procedure stopped in 52 steps, with gradient norm 1.2512e-09

Finite differences (new version) with h=1e-12 : Procedure stopped in 52 steps, with gradient norm 1.2512e-09

Condizione iniziale n. 9

Exact derivatives: Procedure stopped in 52 steps, with gradient norm 1.2512e-09

Finite differences (classical version) with h=1e-2 : Procedure stopped because the maximum number of iterations was reached

Finite differences (new version) with h=1e-2 : Procedure stopped in 55 steps, with gradient norm 2.851e-07

Finite differences (classical version) with h=1e-4 : Procedure stopped in 53 steps, with gradient norm 9.9607e-08

Finite differences (new version) with h=1e-4 : Procedure stopped in 52 steps, with gradient norm 2.9325e-10

Finite differences (classical version) with h=1e-6 : Procedure stopped in 52 steps, with gradient norm 1.729e-09

Finite differences (new version) with h=1e-6 : Procedure stopped in 52 steps, with gradient norm 1.2524e-09

Finite differences (classical version) with h=1e-8 : Procedure stopped in 52 steps, with gradient norm 1.2551e-09

Finite differences (new version) with h=1e-8 : Procedure stopped in 52 steps, with gradient norm 1.2512e-09

Finite differences (classical version) with h=1e-10 : Procedure stopped in 52 steps, with gradient norm 1.2512e-09

Finite differences (new version) with h=1e-10 : Procedure stopped in 52 steps, with gradient norm 1.2512e-09

Finite differences (classical version) with h=1e-12 : Procedure stopped in 52 steps, with gradient norm 1.2512e-09

Finite differences (new version) with h=1e-12 : Procedure stopped in 52 steps, with gradient norm 1.2512e-09

Condizione iniziale n. 10

Exact derivatives: Procedure stopped in 52 steps, with gradient norm 1.2512e-09

Finite differences (classical version) with h=1e-2 : Procedure stopped because the maximum number of iterations was reached

Finite differences (new version) with h=1e-2 : Procedure stopped in 55 steps, with gradient norm 2.851e-07

Finite differences (classical version) with h=1e-4 : Procedure stopped in 53 steps, with gradient norm 9.9608e-08

Finite differences (new version) with h=1e-4 : Procedure stopped in 52 steps, with gradient norm 2.9325e-10

Finite differences (classical version) with h=1e-6 : Procedure stopped in 52 steps, with gradient norm 1.729e-09

Finite differences (new version) with h=1e-6 : Procedure stopped in 52 steps, with gradient norm 1.2524e-09

Finite differences (classical version) with h=1e-8 : Procedure stopped in 52 steps, with gradient norm 1.2551e-09

Finite differences (new version) with h=1e-8 : Procedure stopped in 52 steps, with gradient norm 1.2512e-09

Finite differences (classical version) with h=1e-10 : Procedure stopped in 52 steps, with gradient norm 1.2512e-09

Finite differences (new version) with h=1e-10 : Procedure stopped in 52 steps, with gradient norm 1.2512e-09

Finite differences (classical version) with h=1e-12 : Procedure stopped in 52 steps, with gradient norm 1.2512e-09

Finite differences (new version) with h=1e-12 : Procedure stopped in 52 steps, with gradient norm 1.2512e-09

Condizione iniziale n. 11

Exact derivatives: Procedure stopped in 52 steps, with gradient norm 1.2512e-09

Finite differences (classical version) with h=1e-2 : Procedure stopped because the maximum number of iterations was reached

Finite differences (new version) with h=1e-2 : Procedure stopped in 55 steps, with gradient norm 2.851e-07

Finite differences (classical version) with h=1e-4 : Procedure stopped in 53 steps, with gradient norm 9.9608e-08

Finite differences (new version) with h=1e-4 : Procedure stopped in 52 steps, with gradient norm 2.9325e-10

Finite differences (classical version) with h=1e-6 : Procedure stopped in 52 steps, with gradient norm 1.729e-09

Finite differences (new version) with h=1e-6 : Procedure stopped in 52 steps, with gradient norm 1.2524e-09

Finite differences (classical version) with h=1e-8 : Procedure stopped in 52 steps, with gradient norm 1.2551e-09

Finite differences (new version) with h=1e-8 : Procedure stopped in 52 steps, with gradient norm 1.2512e-09

Finite differences (classical version) with h=1e-10 : Procedure stopped in 52 steps, with gradient norm 1.2512e-09

Finite differences (new version) with h=1e-10 : Procedure stopped in 52 steps, with gradient norm 1.2512e-09

Finite differences (classical version) with h=1e-12 : Procedure stopped in 52 steps, with gradient norm 1.2512e-09

Finite differences (new version) with h=1e-12 : Procedure stopped in 52 steps, with gradient norm 1.2512e-09

Warning: Could not find appropriate function on path loading function handle

C:\Users\gaiag\AppData\Local\Temp\Editor\_husmm\LiveEditorEvaluationHelperE1991302119.m>@(k,gradfk)0.5

> In F27\_F79Precond\_quardratico (line 376)

Warning: Could not find appropriate function on path loading function handle

C:\Users\gaiag\AppData\Local\Temp\Editor\_husmm\LiveEditorEvaluationHelperE1991302119.m>@(k,gradfk)min(0.5,norm(gradfk))

> In F27\_F79Precond\_quardratico (line 376)

Warning: Could not find appropriate function on path loading function handle

C:\Users\gaiag\AppData\Local\Temp\Editor\_husmm\LiveEditorEvaluationHelperE1991302119.m>@(k,gradfk)min(0.5,norm(gradfk)^0.5)

> In F27\_F79Precond\_quardratico (line 376)

N=10^3 F79

Condizione iniziale n. 1

Exact derivatives: Procedure stopped because the Armijo condition was NOT satisfied

Finite differences (classical version) with h=1e-2 : Procedure stopped because the Armijo condition was NOT satisfied

Finite differences (new version) with h=1e-2 : Procedure stopped because the Armijo condition was NOT satisfied

Finite differences (classical version) with h=1e-4 : Procedure stopped because the Armijo condition was NOT satisfied

Finite differences (new version) with h=1e-4 : Procedure stopped because the Armijo condition was NOT satisfied

Finite differences (classical version) with h=1e-6 : Procedure stopped because the Armijo condition was NOT satisfied

Finite differences (new version) with h=1e-6 : Procedure stopped because the Armijo condition was NOT satisfied

Finite differences (classical version) with h=1e-8 : Procedure stopped because the Armijo condition was NOT satisfied

Finite differences (new version) with h=1e-8 : Procedure stopped because the Armijo condition was NOT satisfied

Finite differences (classical version) with h=1e-10 : Procedure stopped because the Armijo condition was NOT satisfied

Finite differences (new version) with h=1e-10 : Procedure stopped because the Armijo condition was NOT satisfied

Finite differences (classical version) with h=1e-12 : Procedure stopped because the Armijo condition was NOT satisfied

Finite differences (new version) with h=1e-12 : Procedure stopped because the Armijo condition was NOT satisfied

Condizione iniziale n. 2

Exact derivatives: Procedure stopped in 247 steps, with gradient norm 4.1899e-07

Finite differences (classical version) with h=1e-2 : Procedure stopped in 203 steps, with gradient norm 4.7812e-07

Finite differences (new version) with h=1e-2 : Procedure stopped in 189 steps, with gradient norm 4.496e-07

Finite differences (classical version) with h=1e-4 : Procedure stopped in 251 steps, with gradient norm 4.8272e-07

Finite differences (new version) with h=1e-4 : Procedure stopped in 233 steps, with gradient norm 3.9905e-07

Finite differences (classical version) with h=1e-6 : Procedure stopped in 252 steps, with gradient norm 4.9006e-07

Finite differences (new version) with h=1e-6 : Procedure stopped in 247 steps, with gradient norm 4.9011e-07

Finite differences (classical version) with h=1e-8 : Procedure stopped in 250 steps, with gradient norm 4.6945e-07

Finite differences (new version) with h=1e-8 : Procedure stopped in 250 steps, with gradient norm 4.6826e-07

Finite differences (classical version) with h=1e-10 : Procedure stopped in 248 steps, with gradient norm 4.8319e-07

Finite differences (new version) with h=1e-10 : Procedure stopped in 250 steps, with gradient norm 3.9687e-07

Finite differences (classical version) with h=1e-12 : Procedure stopped in 251 steps, with gradient norm 3.8383e-07

Finite differences (new version) with h=1e-12 : Procedure stopped in 248 steps, with gradient norm 4.7533e-07

Condizione iniziale n. 3

Exact derivatives: Procedure stopped in 247 steps, with gradient norm 4.576e-07

Finite differences (classical version) with h=1e-2 : Procedure stopped in 203 steps, with gradient norm 3.8503e-07

Finite differences (new version) with h=1e-2 : Procedure stopped in 187 steps, with gradient norm 4.0013e-07

Finite differences (classical version) with h=1e-4 : Procedure stopped in 239 steps, with gradient norm 4.8192e-07

Finite differences (new version) with h=1e-4 : Procedure stopped in 231 steps, with gradient norm 4.0394e-07

Finite differences (classical version) with h=1e-6 : Procedure stopped in 242 steps, with gradient norm 4.2166e-07

Finite differences (new version) with h=1e-6 : Procedure stopped in 240 steps, with gradient norm 4.5042e-07

Finite differences (classical version) with h=1e-8 : Procedure stopped in 240 steps, with gradient norm 4.6088e-07

Finite differences (new version) with h=1e-8 : Procedure stopped in 247 steps, with gradient norm 4.3309e-07

Finite differences (classical version) with h=1e-10 : Procedure stopped in 242 steps, with gradient norm 4.9443e-07

Finite differences (new version) with h=1e-10 : Procedure stopped in 241 steps, with gradient norm 4.6916e-07

Finite differences (classical version) with h=1e-12 : Procedure stopped in 246 steps, with gradient norm 4.1916e-07

Finite differences (new version) with h=1e-12 : Procedure stopped in 244 steps, with gradient norm 4.9031e-07

Condizione iniziale n. 4

Exact derivatives: Procedure stopped in 250 steps, with gradient norm 4.4562e-07

Finite differences (classical version) with h=1e-2 : Procedure stopped in 203 steps, with gradient norm 4.6315e-07

Finite differences (new version) with h=1e-2 : Procedure stopped in 192 steps, with gradient norm 4.0062e-07

Finite differences (classical version) with h=1e-4 : Procedure stopped in 247 steps, with gradient norm 4.5679e-07

Finite differences (new version) with h=1e-4 : Procedure stopped in 236 steps, with gradient norm 4.9072e-07

Finite differences (classical version) with h=1e-6 : Procedure stopped in 253 steps, with gradient norm 4.3739e-07

Finite differences (new version) with h=1e-6 : Procedure stopped in 247 steps, with gradient norm 4.5286e-07

Finite differences (classical version) with h=1e-8 : Procedure stopped in 250 steps, with gradient norm 3.7898e-07

Finite differences (new version) with h=1e-8 : Procedure stopped in 249 steps, with gradient norm 4.4451e-07

Finite differences (classical version) with h=1e-10 : Procedure stopped in 248 steps, with gradient norm 4.1975e-07

Finite differences (new version) with h=1e-10 : Procedure stopped in 251 steps, with gradient norm 3.9721e-07

Finite differences (classical version) with h=1e-12 : Procedure stopped in 249 steps, with gradient norm 4.3876e-07

Finite differences (new version) with h=1e-12 : Procedure stopped in 249 steps, with gradient norm 4.1739e-07

Condizione iniziale n. 5

Exact derivatives: Procedure stopped in 252 steps, with gradient norm 4.0886e-07

Finite differences (classical version) with h=1e-2 : Procedure stopped in 205 steps, with gradient norm 4.4708e-07

Finite differences (new version) with h=1e-2 : Procedure stopped in 191 steps, with gradient norm 4.8634e-07

Finite differences (classical version) with h=1e-4 : Procedure stopped in 250 steps, with gradient norm 4.307e-07

Finite differences (new version) with h=1e-4 : Procedure stopped in 237 steps, with gradient norm 4.5734e-07

Finite differences (classical version) with h=1e-6 : Procedure stopped in 247 steps, with gradient norm 3.9718e-07

Finite differences (new version) with h=1e-6 : Procedure stopped in 249 steps, with gradient norm 3.9114e-07

Finite differences (classical version) with h=1e-8 : Procedure stopped in 250 steps, with gradient norm 3.8681e-07

Finite differences (new version) with h=1e-8 : Procedure stopped in 246 steps, with gradient norm 4.4272e-07

Finite differences (classical version) with h=1e-10 : Procedure stopped in 250 steps, with gradient norm 4.7535e-07

Finite differences (new version) with h=1e-10 : Procedure stopped in 248 steps, with gradient norm 3.7832e-07

Finite differences (classical version) with h=1e-12 : Procedure stopped in 252 steps, with gradient norm 4.1022e-07

Finite differences (new version) with h=1e-12 : Procedure stopped in 248 steps, with gradient norm 4.7576e-07

Condizione iniziale n. 6

Exact derivatives: Procedure stopped in 252 steps, with gradient norm 4.0745e-07

Finite differences (classical version) with h=1e-2 : Procedure stopped in 206 steps, with gradient norm 4.0543e-07

Finite differences (new version) with h=1e-2 : Procedure stopped in 189 steps, with gradient norm 4.1714e-07

Finite differences (classical version) with h=1e-4 : Procedure stopped in 248 steps, with gradient norm 4.1221e-07

Finite differences (new version) with h=1e-4 : Procedure stopped in 235 steps, with gradient norm 4.9183e-07

Finite differences (classical version) with h=1e-6 : Procedure stopped in 250 steps, with gradient norm 4.2082e-07

Finite differences (new version) with h=1e-6 : Procedure stopped in 251 steps, with gradient norm 4.9757e-07

Finite differences (classical version) with h=1e-8 : Procedure stopped in 251 steps, with gradient norm 4.0565e-07

Finite differences (new version) with h=1e-8 : Procedure stopped in 247 steps, with gradient norm 4.832e-07

Finite differences (classical version) with h=1e-10 : Procedure stopped in 249 steps, with gradient norm 3.9475e-07

Finite differences (new version) with h=1e-10 : Procedure stopped in 252 steps, with gradient norm 4.3735e-07

Finite differences (classical version) with h=1e-12 : Procedure stopped in 248 steps, with gradient norm 4.5416e-07

Finite differences (new version) with h=1e-12 : Procedure stopped in 248 steps, with gradient norm 4.7697e-07

Condizione iniziale n. 7

Exact derivatives: Procedure stopped in 252 steps, with gradient norm 4.8775e-07

Finite differences (classical version) with h=1e-2 : Procedure stopped in 201 steps, with gradient norm 4.1203e-07

Finite differences (new version) with h=1e-2 : Procedure stopped in 192 steps, with gradient norm 4.9005e-07

Finite differences (classical version) with h=1e-4 : Procedure stopped in 244 steps, with gradient norm 4.1192e-07

Finite differences (new version) with h=1e-4 : Procedure stopped in 238 steps, with gradient norm 3.8976e-07

Finite differences (classical version) with h=1e-6 : Procedure stopped in 250 steps, with gradient norm 4.8233e-07

Finite differences (new version) with h=1e-6 : Procedure stopped in 253 steps, with gradient norm 4.3836e-07

Finite differences (classical version) with h=1e-8 : Procedure stopped in 250 steps, with gradient norm 3.9317e-07

Finite differences (new version) with h=1e-8 : Procedure stopped in 256 steps, with gradient norm 4.2669e-07

Finite differences (classical version) with h=1e-10 : Procedure stopped in 251 steps, with gradient norm 4.5571e-07

Finite differences (new version) with h=1e-10 : Procedure stopped in 252 steps, with gradient norm 3.9992e-07

Finite differences (classical version) with h=1e-12 : Procedure stopped in 252 steps, with gradient norm 4.9295e-07

Finite differences (new version) with h=1e-12 : Procedure stopped in 251 steps, with gradient norm 4.3463e-07

Condizione iniziale n. 8

Exact derivatives: Procedure stopped in 243 steps, with gradient norm 4.336e-07

Finite differences (classical version) with h=1e-2 : Procedure stopped in 197 steps, with gradient norm 4.2548e-07

Finite differences (new version) with h=1e-2 : Procedure stopped in 187 steps, with gradient norm 3.9357e-07

Finite differences (classical version) with h=1e-4 : Procedure stopped in 239 steps, with gradient norm 4.0544e-07

Finite differences (new version) with h=1e-4 : Procedure stopped in 233 steps, with gradient norm 3.9607e-07

Finite differences (classical version) with h=1e-6 : Procedure stopped in 236 steps, with gradient norm 4.6023e-07

Finite differences (new version) with h=1e-6 : Procedure stopped in 238 steps, with gradient norm 4.0774e-07

Finite differences (classical version) with h=1e-8 : Procedure stopped in 242 steps, with gradient norm 4.1299e-07

Finite differences (new version) with h=1e-8 : Procedure stopped in 238 steps, with gradient norm 4.1836e-07

Finite differences (classical version) with h=1e-10 : Procedure stopped in 238 steps, with gradient norm 4.4631e-07

Finite differences (new version) with h=1e-10 : Procedure stopped in 238 steps, with gradient norm 4.8976e-07

Finite differences (classical version) with h=1e-12 : Procedure stopped in 240 steps, with gradient norm 4.1645e-07

Finite differences (new version) with h=1e-12 : Procedure stopped in 243 steps, with gradient norm 4.414e-07

Condizione iniziale n. 9

Exact derivatives: Procedure stopped in 252 steps, with gradient norm 4.1127e-07

Finite differences (classical version) with h=1e-2 : Procedure stopped in 203 steps, with gradient norm 4.8747e-07

Finite differences (new version) with h=1e-2 : Procedure stopped in 194 steps, with gradient norm 4.2248e-07

Finite differences (classical version) with h=1e-4 : Procedure stopped in 250 steps, with gradient norm 4.1282e-07

Finite differences (new version) with h=1e-4 : Procedure stopped in 237 steps, with gradient norm 4.1715e-07

Finite differences (classical version) with h=1e-6 : Procedure stopped in 248 steps, with gradient norm 4.2971e-07

Finite differences (new version) with h=1e-6 : Procedure stopped in 256 steps, with gradient norm 4.2823e-07

Finite differences (classical version) with h=1e-8 : Procedure stopped in 250 steps, with gradient norm 4.2999e-07

Finite differences (new version) with h=1e-8 : Procedure stopped in 248 steps, with gradient norm 4.7012e-07

Finite differences (classical version) with h=1e-10 : Procedure stopped in 249 steps, with gradient norm 4.3565e-07

Finite differences (new version) with h=1e-10 : Procedure stopped in 250 steps, with gradient norm 4.3382e-07

Finite differences (classical version) with h=1e-12 : Procedure stopped in 248 steps, with gradient norm 4.1393e-07

Finite differences (new version) with h=1e-12 : Procedure stopped in 250 steps, with gradient norm 4.8138e-07

Condizione iniziale n. 10

Exact derivatives: Procedure stopped in 250 steps, with gradient norm 4.7785e-07

Finite differences (classical version) with h=1e-2 : Procedure stopped in 202 steps, with gradient norm 4.3171e-07

Finite differences (new version) with h=1e-2 : Procedure stopped in 193 steps, with gradient norm 4.5047e-07

Finite differences (classical version) with h=1e-4 : Procedure stopped in 247 steps, with gradient norm 4.4472e-07

Finite differences (new version) with h=1e-4 : Procedure stopped in 238 steps, with gradient norm 3.8292e-07

Finite differences (classical version) with h=1e-6 : Procedure stopped in 250 steps, with gradient norm 4.9909e-07

Finite differences (new version) with h=1e-6 : Procedure stopped in 253 steps, with gradient norm 4.3075e-07

Finite differences (classical version) with h=1e-8 : Procedure stopped in 252 steps, with gradient norm 4.7301e-07

Finite differences (new version) with h=1e-8 : Procedure stopped in 252 steps, with gradient norm 4.1122e-07

Finite differences (classical version) with h=1e-10 : Procedure stopped in 251 steps, with gradient norm 4.7884e-07

Finite differences (new version) with h=1e-10 : Procedure stopped in 245 steps, with gradient norm 4.9506e-07

Finite differences (classical version) with h=1e-12 : Procedure stopped in 250 steps, with gradient norm 4.6221e-07

Finite differences (new version) with h=1e-12 : Procedure stopped in 249 steps, with gradient norm 4.0302e-07

Condizione iniziale n. 11

Exact derivatives: Procedure stopped in 246 steps, with gradient norm 3.8232e-07

Finite differences (classical version) with h=1e-2 : Procedure stopped in 202 steps, with gradient norm 4.5762e-07

Finite differences (new version) with h=1e-2 : Procedure stopped in 191 steps, with gradient norm 4.2382e-07

Finite differences (classical version) with h=1e-4 : Procedure stopped in 243 steps, with gradient norm 4.7777e-07

Finite differences (new version) with h=1e-4 : Procedure stopped in 233 steps, with gradient norm 4.5986e-07

Finite differences (classical version) with h=1e-6 : Procedure stopped in 251 steps, with gradient norm 4.2389e-07

Finite differences (new version) with h=1e-6 : Procedure stopped in 249 steps, with gradient norm 3.9695e-07

Finite differences (classical version) with h=1e-8 : Procedure stopped in 247 steps, with gradient norm 4.9837e-07

Finite differences (new version) with h=1e-8 : Procedure stopped in 245 steps, with gradient norm 4.3466e-07

Finite differences (classical version) with h=1e-10 : Procedure stopped in 246 steps, with gradient norm 4.6218e-07

Finite differences (new version) with h=1e-10 : Procedure stopped in 251 steps, with gradient norm 4.3413e-07

Finite differences (classical version) with h=1e-12 : Procedure stopped in 250 steps, with gradient norm 4.0174e-07

Finite differences (new version) with h=1e-12 : Procedure stopped in 245 steps, with gradient norm 4.9631e-07

N=10^4 F79

Condizione iniziale n. 1

Exact derivatives: Procedure stopped because the Armijo condition was NOT satisfied

Finite differences (classical version) with h=1e-2 : Procedure stopped because the Armijo condition was NOT satisfied

Finite differences (new version) with h=1e-2 : Procedure stopped because the Armijo condition was NOT satisfied

Finite differences (classical version) with h=1e-4 : Procedure stopped because the Armijo condition was NOT satisfied

Finite differences (new version) with h=1e-4 : Procedure stopped because the Armijo condition was NOT satisfied

Finite differences (classical version) with h=1e-6 : Procedure stopped because the Armijo condition was NOT satisfied

Finite differences (new version) with h=1e-6 : Procedure stopped because the Armijo condition was NOT satisfied

Finite differences (classical version) with h=1e-8 : Procedure stopped because the Armijo condition was NOT satisfied

Finite differences (new version) with h=1e-8 : Procedure stopped because the Armijo condition was NOT satisfied

Finite differences (classical version) with h=1e-10 : Procedure stopped because the Armijo condition was NOT satisfied

Finite differences (new version) with h=1e-10 : Procedure stopped because the Armijo condition was NOT satisfied

Finite differences (classical version) with h=1e-12 : Procedure stopped because the Armijo condition was NOT satisfied

Finite differences (new version) with h=1e-12 : Procedure stopped because the Armijo condition was NOT satisfied

Condizione iniziale n. 2

Exact derivatives: Procedure stopped in 265 steps, with gradient norm 4.133e-07

Finite differences (classical version) with h=1e-2 : Procedure stopped in 208 steps, with gradient norm 4.8896e-07

Finite differences (new version) with h=1e-2 : Procedure stopped in 202 steps, with gradient norm 4.2057e-07

Finite differences (classical version) with h=1e-4 : Procedure stopped in 262 steps, with gradient norm 4.1904e-07

Finite differences (new version) with h=1e-4 : Procedure stopped in 240 steps, with gradient norm 4.8274e-07

Finite differences (classical version) with h=1e-6 : Procedure stopped in 270 steps, with gradient norm 3.9051e-07

Finite differences (new version) with h=1e-6 : Procedure stopped in 262 steps, with gradient norm 4.6948e-07

Finite differences (classical version) with h=1e-8 : Procedure stopped in 261 steps, with gradient norm 4.8059e-07

Finite differences (new version) with h=1e-8 : Procedure stopped in 266 steps, with gradient norm 4.8454e-07

Finite differences (classical version) with h=1e-10 : Procedure stopped in 261 steps, with gradient norm 4.6159e-07

Finite differences (new version) with h=1e-10 : Procedure stopped in 265 steps, with gradient norm 4.6587e-07

Finite differences (classical version) with h=1e-12 : Procedure stopped in 261 steps, with gradient norm 3.9529e-07

Finite differences (new version) with h=1e-12 : Procedure stopped in 262 steps, with gradient norm 4.8391e-07

Condizione iniziale n. 3

Exact derivatives: Procedure stopped in 262 steps, with gradient norm 4.5121e-07

Finite differences (classical version) with h=1e-2 : Procedure stopped in 210 steps, with gradient norm 4.7365e-07

Finite differences (new version) with h=1e-2 : Procedure stopped in 200 steps, with gradient norm 4.4873e-07

Finite differences (classical version) with h=1e-4 : Procedure stopped in 257 steps, with gradient norm 4.2491e-07

Finite differences (new version) with h=1e-4 : Procedure stopped in 243 steps, with gradient norm 3.9232e-07

Finite differences (classical version) with h=1e-6 : Procedure stopped in 262 steps, with gradient norm 4.6514e-07

Finite differences (new version) with h=1e-6 : Procedure stopped in 262 steps, with gradient norm 4.222e-07

Finite differences (classical version) with h=1e-8 : Procedure stopped in 263 steps, with gradient norm 4.0629e-07

Finite differences (new version) with h=1e-8 : Procedure stopped in 265 steps, with gradient norm 4.5248e-07

Finite differences (classical version) with h=1e-10 : Procedure stopped in 266 steps, with gradient norm 4.2717e-07

Finite differences (new version) with h=1e-10 : Procedure stopped in 265 steps, with gradient norm 4.3127e-07

Finite differences (classical version) with h=1e-12 : Procedure stopped in 266 steps, with gradient norm 4.0232e-07

Finite differences (new version) with h=1e-12 : Procedure stopped in 265 steps, with gradient norm 4.4317e-07

Condizione iniziale n. 4

Exact derivatives: Procedure stopped in 267 steps, with gradient norm 4.3034e-07

Finite differences (classical version) with h=1e-2 : Procedure stopped in 209 steps, with gradient norm 4.0767e-07

Finite differences (new version) with h=1e-2 : Procedure stopped in 208 steps, with gradient norm 4.0996e-07

Finite differences (classical version) with h=1e-4 : Procedure stopped in 255 steps, with gradient norm 4.8829e-07

Finite differences (new version) with h=1e-4 : Procedure stopped in 244 steps, with gradient norm 4.6735e-07

Finite differences (classical version) with h=1e-6 : Procedure stopped in 262 steps, with gradient norm 4.7124e-07

Finite differences (new version) with h=1e-6 : Procedure stopped in 265 steps, with gradient norm 4.5018e-07

Finite differences (classical version) with h=1e-8 : Procedure stopped in 265 steps, with gradient norm 3.8142e-07

Finite differences (new version) with h=1e-8 : Procedure stopped in 262 steps, with gradient norm 4.9148e-07

Finite differences (classical version) with h=1e-10 : Procedure stopped in 261 steps, with gradient norm 4.9285e-07

Finite differences (new version) with h=1e-10 : Procedure stopped in 270 steps, with gradient norm 4.3141e-07

Finite differences (classical version) with h=1e-12 : Procedure stopped in 263 steps, with gradient norm 4.7053e-07

Finite differences (new version) with h=1e-12 : Procedure stopped in 259 steps, with gradient norm 4.6674e-07

Condizione iniziale n. 5

Exact derivatives: Procedure stopped in 260 steps, with gradient norm 4.5017e-07

Finite differences (classical version) with h=1e-2 : Procedure stopped in 213 steps, with gradient norm 4.1623e-07

Finite differences (new version) with h=1e-2 : Procedure stopped in 200 steps, with gradient norm 4.0849e-07

Finite differences (classical version) with h=1e-4 : Procedure stopped in 257 steps, with gradient norm 4.9815e-07

Finite differences (new version) with h=1e-4 : Procedure stopped in 242 steps, with gradient norm 3.9006e-07

Finite differences (classical version) with h=1e-6 : Procedure stopped in 264 steps, with gradient norm 3.8769e-07

Finite differences (new version) with h=1e-6 : Procedure stopped in 265 steps, with gradient norm 4.6513e-07

Finite differences (classical version) with h=1e-8 : Procedure stopped in 267 steps, with gradient norm 4.9185e-07

Finite differences (new version) with h=1e-8 : Procedure stopped in 265 steps, with gradient norm 4.285e-07

Finite differences (classical version) with h=1e-10 : Procedure stopped in 265 steps, with gradient norm 4.3675e-07

Finite differences (new version) with h=1e-10 : Procedure stopped in 268 steps, with gradient norm 4.9603e-07

Finite differences (classical version) with h=1e-12 : Procedure stopped in 267 steps, with gradient norm 4.9688e-07

Finite differences (new version) with h=1e-12 : Procedure stopped in 265 steps, with gradient norm 4.9986e-07

Condizione iniziale n. 6

Exact derivatives: Procedure stopped in 264 steps, with gradient norm 3.9995e-07

Finite differences (classical version) with h=1e-2 : Procedure stopped in 212 steps, with gradient norm 4.3026e-07

Finite differences (new version) with h=1e-2 : Procedure stopped in 198 steps, with gradient norm 3.8931e-07

Finite differences (classical version) with h=1e-4 : Procedure stopped in 259 steps, with gradient norm 4.1882e-07

Finite differences (new version) with h=1e-4 : Procedure stopped in 250 steps, with gradient norm 4.9773e-07

Finite differences (classical version) with h=1e-6 : Procedure stopped in 262 steps, with gradient norm 4.5415e-07

Finite differences (new version) with h=1e-6 : Procedure stopped in 262 steps, with gradient norm 4.4967e-07

Finite differences (classical version) with h=1e-8 : Procedure stopped in 261 steps, with gradient norm 4.825e-07

Finite differences (new version) with h=1e-8 : Procedure stopped in 262 steps, with gradient norm 4.8536e-07

Finite differences (classical version) with h=1e-10 : Procedure stopped in 264 steps, with gradient norm 4.9938e-07

Finite differences (new version) with h=1e-10 : Procedure stopped in 264 steps, with gradient norm 4.1116e-07

Finite differences (classical version) with h=1e-12 : Procedure stopped in 265 steps, with gradient norm 4.7738e-07

Finite differences (new version) with h=1e-12 : Procedure stopped in 263 steps, with gradient norm 4.8556e-07

Condizione iniziale n. 7

Exact derivatives: Procedure stopped in 265 steps, with gradient norm 4.6504e-07

Finite differences (classical version) with h=1e-2 : Procedure stopped in 213 steps, with gradient norm 4.3074e-07

Finite differences (new version) with h=1e-2 : Procedure stopped in 201 steps, with gradient norm 4.1881e-07

Finite differences (classical version) with h=1e-4 : Procedure stopped in 251 steps, with gradient norm 4.5082e-07

Finite differences (new version) with h=1e-4 : Procedure stopped in 246 steps, with gradient norm 4.045e-07

Finite differences (classical version) with h=1e-6 : Procedure stopped in 264 steps, with gradient norm 4.7263e-07

Finite differences (new version) with h=1e-6 : Procedure stopped in 265 steps, with gradient norm 4.1768e-07

Finite differences (classical version) with h=1e-8 : Procedure stopped in 265 steps, with gradient norm 4.7232e-07

Finite differences (new version) with h=1e-8 : Procedure stopped in 267 steps, with gradient norm 4.4049e-07

Finite differences (classical version) with h=1e-10 : Procedure stopped in 262 steps, with gradient norm 3.8976e-07

Finite differences (new version) with h=1e-10 : Procedure stopped in 267 steps, with gradient norm 4.6908e-07

Finite differences (classical version) with h=1e-12 : Procedure stopped in 263 steps, with gradient norm 4.6396e-07

Finite differences (new version) with h=1e-12 : Procedure stopped in 263 steps, with gradient norm 4.9811e-07

Condizione iniziale n. 8

Exact derivatives: Procedure stopped in 265 steps, with gradient norm 4.5934e-07

Finite differences (classical version) with h=1e-2 : Procedure stopped in 214 steps, with gradient norm 4.8116e-07

Finite differences (new version) with h=1e-2 : Procedure stopped in 200 steps, with gradient norm 4.7623e-07

Finite differences (classical version) with h=1e-4 : Procedure stopped in 255 steps, with gradient norm 4.953e-07

Finite differences (new version) with h=1e-4 : Procedure stopped in 245 steps, with gradient norm 4.5095e-07

Finite differences (classical version) with h=1e-6 : Procedure stopped in 261 steps, with gradient norm 4.8713e-07

Finite differences (new version) with h=1e-6 : Procedure stopped in 267 steps, with gradient norm 3.9412e-07

Finite differences (classical version) with h=1e-8 : Procedure stopped in 270 steps, with gradient norm 4.1437e-07

Finite differences (new version) with h=1e-8 : Procedure stopped in 268 steps, with gradient norm 4.5829e-07

Finite differences (classical version) with h=1e-10 : Procedure stopped in 265 steps, with gradient norm 4.4192e-07

Finite differences (new version) with h=1e-10 : Procedure stopped in 263 steps, with gradient norm 4.9461e-07

Finite differences (classical version) with h=1e-12 : Procedure stopped in 262 steps, with gradient norm 4.9555e-07

Finite differences (new version) with h=1e-12 : Procedure stopped in 261 steps, with gradient norm 4.8127e-07

Condizione iniziale n. 9

Exact derivatives: Procedure stopped in 260 steps, with gradient norm 4.3647e-07

Finite differences (classical version) with h=1e-2 : Procedure stopped in 212 steps, with gradient norm 4.2229e-07

Finite differences (new version) with h=1e-2 : Procedure stopped in 196 steps, with gradient norm 4.1525e-07

Finite differences (classical version) with h=1e-4 : Procedure stopped in 254 steps, with gradient norm 3.8502e-07

Finite differences (new version) with h=1e-4 : Procedure stopped in 244 steps, with gradient norm 4.7703e-07

Finite differences (classical version) with h=1e-6 : Procedure stopped in 266 steps, with gradient norm 3.8192e-07

Finite differences (new version) with h=1e-6 : Procedure stopped in 265 steps, with gradient norm 4.2257e-07

Finite differences (classical version) with h=1e-8 : Procedure stopped in 266 steps, with gradient norm 4.9508e-07

Finite differences (new version) with h=1e-8 : Procedure stopped in 266 steps, with gradient norm 4.8381e-07

Finite differences (classical version) with h=1e-10 : Procedure stopped in 266 steps, with gradient norm 4.3817e-07

Finite differences (new version) with h=1e-10 : Procedure stopped in 265 steps, with gradient norm 4.0103e-07

Finite differences (classical version) with h=1e-12 : Procedure stopped in 260 steps, with gradient norm 4.8531e-07

Finite differences (new version) with h=1e-12 : Procedure stopped in 265 steps, with gradient norm 4.8318e-07

Condizione iniziale n. 10

Exact derivatives: Procedure stopped in 265 steps, with gradient norm 4.7641e-07

Finite differences (classical version) with h=1e-2 : Procedure stopped in 207 steps, with gradient norm 4.9129e-07

Finite differences (new version) with h=1e-2 : Procedure stopped in 198 steps, with gradient norm 4.6723e-07

Finite differences (classical version) with h=1e-4 : Procedure stopped in 261 steps, with gradient norm 4.8434e-07

Finite differences (new version) with h=1e-4 : Procedure stopped in 250 steps, with gradient norm 3.95e-07

Finite differences (classical version) with h=1e-6 : Procedure stopped in 261 steps, with gradient norm 4.4956e-07

Finite differences (new version) with h=1e-6 : Procedure stopped in 263 steps, with gradient norm 3.8943e-07

Finite differences (classical version) with h=1e-8 : Procedure stopped in 263 steps, with gradient norm 4.9599e-07

Finite differences (new version) with h=1e-8 : Procedure stopped in 264 steps, with gradient norm 4.9986e-07

Finite differences (classical version) with h=1e-10 : Procedure stopped in 266 steps, with gradient norm 4.0307e-07

Finite differences (new version) with h=1e-10 : Procedure stopped in 264 steps, with gradient norm 4.721e-07

Finite differences (classical version) with h=1e-12 : Procedure stopped in 263 steps, with gradient norm 4.3488e-07

Finite differences (new version) with h=1e-12 : Procedure stopped in 263 steps, with gradient norm 4.7462e-07

Condizione iniziale n. 11

Exact derivatives: Procedure stopped in 265 steps, with gradient norm 4.5782e-07

Finite differences (classical version) with h=1e-2 : Procedure stopped in 208 steps, with gradient norm 3.9842e-07

Finite differences (new version) with h=1e-2 : Procedure stopped in 200 steps, with gradient norm 4.4493e-07

Finite differences (classical version) with h=1e-4 : Procedure stopped in 254 steps, with gradient norm 4.4793e-07

Finite differences (new version) with h=1e-4 : Procedure stopped in 250 steps, with gradient norm 3.863e-07

Finite differences (classical version) with h=1e-6 : Procedure stopped in 265 steps, with gradient norm 4.7421e-07

Finite differences (new version) with h=1e-6 : Procedure stopped in 267 steps, with gradient norm 4.3307e-07

Finite differences (classical version) with h=1e-8 : Procedure stopped in 266 steps, with gradient norm 4.1213e-07

Finite differences (new version) with h=1e-8 : Procedure stopped in 263 steps, with gradient norm 4.444e-07

Finite differences (classical version) with h=1e-10 : Procedure stopped in 264 steps, with gradient norm 4.257e-07

Finite differences (new version) with h=1e-10 : Procedure stopped in 265 steps, with gradient norm 4.5745e-07

Finite differences (classical version) with h=1e-12 : Procedure stopped in 269 steps, with gradient norm 3.9353e-07

Finite differences (new version) with h=1e-12 : Procedure stopped in 270 steps, with gradient norm 3.9788e-07

N=10^5 F79

Condizione iniziale n. 1

Exact derivatives: Procedure stopped because the Armijo condition was NOT satisfied

Finite differences (classical version) with h=1e-2 : Procedure stopped because the Armijo condition was NOT satisfied

Finite differences (new version) with h=1e-2 : Procedure stopped because the Armijo condition was NOT satisfied

Finite differences (classical version) with h=1e-4 : Procedure stopped because the Armijo condition was NOT satisfied

Finite differences (new version) with h=1e-4 : Procedure stopped because the Armijo condition was NOT satisfied

Finite differences (classical version) with h=1e-6 : Procedure stopped because the Armijo condition was NOT satisfied

Finite differences (new version) with h=1e-6 : Procedure stopped because the Armijo condition was NOT satisfied

Finite differences (classical version) with h=1e-8 : Procedure stopped because the Armijo condition was NOT satisfied

Finite differences (new version) with h=1e-8 : Procedure stopped because the Armijo condition was NOT satisfied

Finite differences (classical version) with h=1e-10 : Procedure stopped because the Armijo condition was NOT satisfied

Finite differences (new version) with h=1e-10 : Procedure stopped because the Armijo condition was NOT satisfied

Finite differences (classical version) with h=1e-12 : Procedure stopped because the Armijo condition was NOT satisfied

Finite differences (new version) with h=1e-12 : Procedure stopped because the Armijo condition was NOT satisfied

Condizione iniziale n. 2

Exact derivatives: Procedure stopped in 280 steps, with gradient norm 4.5839e-07

Finite differences (classical version) with h=1e-2 : Procedure stopped in 220 steps, with gradient norm 4.5011e-07

Finite differences (new version) with h=1e-2 : Procedure stopped in 210 steps, with gradient norm 4.2126e-07

Finite differences (classical version) with h=1e-4 : Procedure stopped in 265 steps, with gradient norm 4.7571e-07

Finite differences (new version) with h=1e-4 : Procedure stopped in 256 steps, with gradient norm 3.8593e-07

Finite differences (classical version) with h=1e-6 : Procedure stopped in 282 steps, with gradient norm 3.8869e-07

Finite differences (new version) with h=1e-6 : Procedure stopped in 281 steps, with gradient norm 4.5886e-07

Finite differences (classical version) with h=1e-8 : Procedure stopped in 280 steps, with gradient norm 4.2436e-07

Finite differences (new version) with h=1e-8 : Procedure stopped in 277 steps, with gradient norm 4.9163e-07

Finite differences (classical version) with h=1e-10 : Procedure stopped in 278 steps, with gradient norm 4.2291e-07

Finite differences (new version) with h=1e-10 : Procedure stopped in 280 steps, with gradient norm 4.474e-07

Finite differences (classical version) with h=1e-12 : Procedure stopped in 280 steps, with gradient norm 4.3217e-07

Finite differences (new version) with h=1e-12 : Procedure stopped in 279 steps, with gradient norm 4.9888e-07

Condizione iniziale n. 3

Exact derivatives: Procedure stopped in 278 steps, with gradient norm 4.153e-07

Finite differences (classical version) with h=1e-2 : Procedure stopped in 219 steps, with gradient norm 4.5642e-07

Finite differences (new version) with h=1e-2 : Procedure stopped in 211 steps, with gradient norm 3.9683e-07

Finite differences (classical version) with h=1e-4 : Procedure stopped in 268 steps, with gradient norm 4.0764e-07

Finite differences (new version) with h=1e-4 : Procedure stopped in 254 steps, with gradient norm 4.5958e-07

Finite differences (classical version) with h=1e-6 : Procedure stopped in 278 steps, with gradient norm 4.2697e-07

Finite differences (new version) with h=1e-6 : Procedure stopped in 277 steps, with gradient norm 4.8442e-07

Finite differences (classical version) with h=1e-8 : Procedure stopped in 277 steps, with gradient norm 4.7412e-07

Finite differences (new version) with h=1e-8 : Procedure stopped in 278 steps, with gradient norm 4.6151e-07

Finite differences (classical version) with h=1e-10 : Procedure stopped in 278 steps, with gradient norm 4.0375e-07

Finite differences (new version) with h=1e-10 : Procedure stopped in 278 steps, with gradient norm 4.8938e-07

Finite differences (classical version) with h=1e-12 : Procedure stopped in 279 steps, with gradient norm 4.4091e-07

Finite differences (new version) with h=1e-12 : Procedure stopped in 281 steps, with gradient norm 4.2956e-07

Condizione iniziale n. 4

Exact derivatives: Procedure stopped in 280 steps, with gradient norm 4.5123e-07

Finite differences (classical version) with h=1e-2 : Procedure stopped in 219 steps, with gradient norm 4.7588e-07

Finite differences (new version) with h=1e-2 : Procedure stopped in 212 steps, with gradient norm 3.8845e-07

Finite differences (classical version) with h=1e-4 : Procedure stopped in 265 steps, with gradient norm 4.4813e-07

Finite differences (new version) with h=1e-4 : Procedure stopped in 255 steps, with gradient norm 4.5217e-07

Finite differences (classical version) with h=1e-6 : Procedure stopped in 280 steps, with gradient norm 4.5887e-07

Finite differences (new version) with h=1e-6 : Procedure stopped in 281 steps, with gradient norm 4.2099e-07

Finite differences (classical version) with h=1e-8 : Procedure stopped in 281 steps, with gradient norm 3.8436e-07

Finite differences (new version) with h=1e-8 : Procedure stopped in 280 steps, with gradient norm 4.0543e-07

Finite differences (classical version) with h=1e-10 : Procedure stopped in 281 steps, with gradient norm 4.6501e-07

Finite differences (new version) with h=1e-10 : Procedure stopped in 277 steps, with gradient norm 4.1568e-07

Finite differences (classical version) with h=1e-12 : Procedure stopped in 283 steps, with gradient norm 4.0423e-07

Finite differences (new version) with h=1e-12 : Procedure stopped in 282 steps, with gradient norm 4.1624e-07

Condizione iniziale n. 5

Exact derivatives: Procedure stopped in 277 steps, with gradient norm 4.5977e-07

Finite differences (classical version) with h=1e-2 : Procedure stopped in 220 steps, with gradient norm 4.5186e-07

Finite differences (new version) with h=1e-2 : Procedure stopped in 211 steps, with gradient norm 4.2582e-07

Finite differences (classical version) with h=1e-4 : Procedure stopped in 266 steps, with gradient norm 4.8589e-07

Finite differences (new version) with h=1e-4 : Procedure stopped in 252 steps, with gradient norm 4.6255e-07

Finite differences (classical version) with h=1e-6 : Procedure stopped in 284 steps, with gradient norm 4.8826e-07

Finite differences (new version) with h=1e-6 : Procedure stopped in 278 steps, with gradient norm 4.482e-07

Finite differences (classical version) with h=1e-8 : Procedure stopped in 280 steps, with gradient norm 4.5422e-07

Finite differences (new version) with h=1e-8 : Procedure stopped in 279 steps, with gradient norm 4.9523e-07

Finite differences (classical version) with h=1e-10 : Procedure stopped in 279 steps, with gradient norm 4.768e-07

Finite differences (new version) with h=1e-10 : Procedure stopped in 282 steps, with gradient norm 4.2398e-07

Finite differences (classical version) with h=1e-12 : Procedure stopped in 281 steps, with gradient norm 4.4723e-07

Finite differences (new version) with h=1e-12 : Procedure stopped in 279 steps, with gradient norm 4.8438e-07

Condizione iniziale n. 6

Exact derivatives: Procedure stopped in 279 steps, with gradient norm 4.6551e-07

Finite differences (classical version) with h=1e-2 : Procedure stopped in 217 steps, with gradient norm 4.4077e-07

Finite differences (new version) with h=1e-2 : Procedure stopped in 209 steps, with gradient norm 4.2082e-07

Finite differences (classical version) with h=1e-4 : Procedure stopped in 265 steps, with gradient norm 4.8798e-07

Finite differences (new version) with h=1e-4 : Procedure stopped in 256 steps, with gradient norm 4.0478e-07

Finite differences (classical version) with h=1e-6 : Procedure stopped in 275 steps, with gradient norm 4.9976e-07

Finite differences (new version) with h=1e-6 : Procedure stopped in 277 steps, with gradient norm 4.611e-07

Finite differences (classical version) with h=1e-8 : Procedure stopped in 273 steps, with gradient norm 4.8188e-07

Finite differences (new version) with h=1e-8 : Procedure stopped in 276 steps, with gradient norm 4.7453e-07

Finite differences (classical version) with h=1e-10 : Procedure stopped in 279 steps, with gradient norm 4.0843e-07

Finite differences (new version) with h=1e-10 : Procedure stopped in 276 steps, with gradient norm 4.8641e-07

Finite differences (classical version) with h=1e-12 : Procedure stopped in 283 steps, with gradient norm 4.6664e-07

Finite differences (new version) with h=1e-12 : Procedure stopped in 278 steps, with gradient norm 4.599e-07

Condizione iniziale n. 7

Exact derivatives: Procedure stopped in 280 steps, with gradient norm 4.2038e-07

Finite differences (classical version) with h=1e-2 : Procedure stopped in 220 steps, with gradient norm 4.1666e-07

Finite differences (new version) with h=1e-2 : Procedure stopped in 215 steps, with gradient norm 3.8725e-07

Finite differences (classical version) with h=1e-4 : Procedure stopped in 264 steps, with gradient norm 4.2947e-07

Finite differences (new version) with h=1e-4 : Procedure stopped in 255 steps, with gradient norm 4.5537e-07

Finite differences (classical version) with h=1e-6 : Procedure stopped in 277 steps, with gradient norm 4.5245e-07

Finite differences (new version) with h=1e-6 : Procedure stopped in 278 steps, with gradient norm 3.9624e-07

Finite differences (classical version) with h=1e-8 : Procedure stopped in 277 steps, with gradient norm 4.2346e-07

Finite differences (new version) with h=1e-8 : Procedure stopped in 280 steps, with gradient norm 4.5241e-07

Finite differences (classical version) with h=1e-10 : Procedure stopped in 279 steps, with gradient norm 4.522e-07

Finite differences (new version) with h=1e-10 : Procedure stopped in 279 steps, with gradient norm 4.9236e-07

Finite differences (classical version) with h=1e-12 : Procedure stopped in 278 steps, with gradient norm 4.8216e-07

Finite differences (new version) with h=1e-12 : Procedure stopped in 282 steps, with gradient norm 4.3734e-07

Condizione iniziale n. 8

Exact derivatives: Procedure stopped in 277 steps, with gradient norm 4.5555e-07

Finite differences (classical version) with h=1e-2 : Procedure stopped in 224 steps, with gradient norm 4.1995e-07

Finite differences (new version) with h=1e-2 : Procedure stopped in 210 steps, with gradient norm 4.4181e-07

Finite differences (classical version) with h=1e-4 : Procedure stopped in 266 steps, with gradient norm 4.8636e-07

Finite differences (new version) with h=1e-4 : Procedure stopped in 262 steps, with gradient norm 4.0434e-07

Finite differences (classical version) with h=1e-6 : Procedure stopped in 283 steps, with gradient norm 4.037e-07

Finite differences (new version) with h=1e-6 : Procedure stopped in 280 steps, with gradient norm 4.4646e-07

Finite differences (classical version) with h=1e-8 : Procedure stopped in 282 steps, with gradient norm 4.4935e-07

Finite differences (new version) with h=1e-8 : Procedure stopped in 278 steps, with gradient norm 4.4965e-07

Finite differences (classical version) with h=1e-10 : Procedure stopped in 282 steps, with gradient norm 4.0074e-07

Finite differences (new version) with h=1e-10 : Procedure stopped in 283 steps, with gradient norm 4.4511e-07

Finite differences (classical version) with h=1e-12 : Procedure stopped in 278 steps, with gradient norm 4.1778e-07

Finite differences (new version) with h=1e-12 : Procedure stopped in 281 steps, with gradient norm 4.3686e-07

Condizione iniziale n. 9

Exact derivatives: Procedure stopped in 278 steps, with gradient norm 4.7306e-07

Finite differences (classical version) with h=1e-2 : Procedure stopped in 224 steps, with gradient norm 3.9569e-07

Finite differences (new version) with h=1e-2 : Procedure stopped in 209 steps, with gradient norm 3.8583e-07

Finite differences (classical version) with h=1e-4 : Procedure stopped in 268 steps, with gradient norm 4.5963e-07

Finite differences (new version) with h=1e-4 : Procedure stopped in 249 steps, with gradient norm 4.6873e-07

Finite differences (classical version) with h=1e-6 : Procedure stopped in 278 steps, with gradient norm 4.7405e-07

Finite differences (new version) with h=1e-6 : Procedure stopped in 279 steps, with gradient norm 4.8556e-07

Finite differences (classical version) with h=1e-8 : Procedure stopped in 280 steps, with gradient norm 4.1167e-07

Finite differences (new version) with h=1e-8 : Procedure stopped in 277 steps, with gradient norm 4.6293e-07

Finite differences (classical version) with h=1e-10 : Procedure stopped in 277 steps, with gradient norm 4.2414e-07

Finite differences (new version) with h=1e-10 : Procedure stopped in 279 steps, with gradient norm 4.5084e-07

Finite differences (classical version) with h=1e-12 : Procedure stopped in 279 steps, with gradient norm 4.0975e-07

Finite differences (new version) with h=1e-12 : Procedure stopped in 281 steps, with gradient norm 4.2465e-07

Condizione iniziale n. 10

Exact derivatives: Procedure stopped in 283 steps, with gradient norm 4.4415e-07

Finite differences (classical version) with h=1e-2 : Procedure stopped in 218 steps, with gradient norm 4.7974e-07

Finite differences (new version) with h=1e-2 : Procedure stopped in 213 steps, with gradient norm 4.4854e-07

Finite differences (classical version) with h=1e-4 : Procedure stopped in 273 steps, with gradient norm 4.2386e-07

Finite differences (new version) with h=1e-4 : Procedure stopped in 256 steps, with gradient norm 4.7111e-07

Finite differences (classical version) with h=1e-6 : Procedure stopped in 278 steps, with gradient norm 4.8827e-07

Finite differences (new version) with h=1e-6 : Procedure stopped in 279 steps, with gradient norm 4.6539e-07

Finite differences (classical version) with h=1e-8 : Procedure stopped in 277 steps, with gradient norm 4.5322e-07

Finite differences (new version) with h=1e-8 : Procedure stopped in 280 steps, with gradient norm 4.3021e-07

Finite differences (classical version) with h=1e-10 : Procedure stopped in 276 steps, with gradient norm 4.4611e-07

Finite differences (new version) with h=1e-10 : Procedure stopped in 282 steps, with gradient norm 4.0919e-07

Finite differences (classical version) with h=1e-12 : Procedure stopped in 278 steps, with gradient norm 4.4003e-07

Finite differences (new version) with h=1e-12 : Procedure stopped in 282 steps, with gradient norm 4.9496e-07

Condizione iniziale n. 11

Exact derivatives: Procedure stopped in 279 steps, with gradient norm 4.0887e-07

Finite differences (classical version) with h=1e-2 : Procedure stopped in 222 steps, with gradient norm 4.129e-07

Finite differences (new version) with h=1e-2 : Procedure stopped in 210 steps, with gradient norm 4.3951e-07

Finite differences (classical version) with h=1e-4 : Procedure stopped in 267 steps, with gradient norm 3.8757e-07

Finite differences (new version) with h=1e-4 : Procedure stopped in 257 steps, with gradient norm 4.111e-07

Finite differences (classical version) with h=1e-6 : Procedure stopped in 281 steps, with gradient norm 4.9288e-07

Finite differences (new version) with h=1e-6 : Procedure stopped in 278 steps, with gradient norm 4.3056e-07

Finite differences (classical version) with h=1e-8 : Procedure stopped in 279 steps, with gradient norm 4.7181e-07

Finite differences (new version) with h=1e-8 : Procedure stopped in 279 steps, with gradient norm 4.9156e-07

Finite differences (classical version) with h=1e-10 : Procedure stopped in 276 steps, with gradient norm 4.9463e-07

Finite differences (new version) with h=1e-10 : Procedure stopped in 278 steps, with gradient norm 4.4005e-07

Finite differences (classical version) with h=1e-12 : Procedure stopped in 277 steps, with gradient norm 4.2602e-07

Finite differences (new version) with h=1e-12 : Procedure stopped in 274 steps, with gradient norm 4.7625e-07