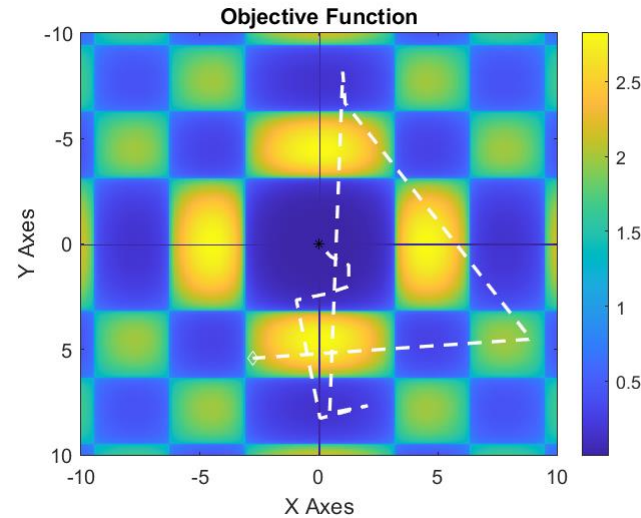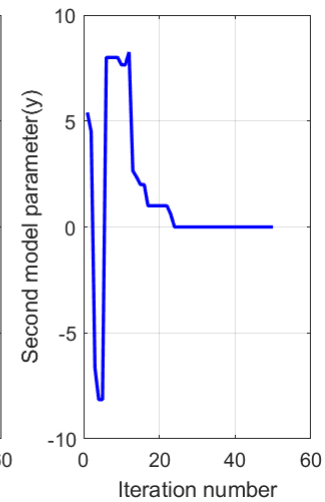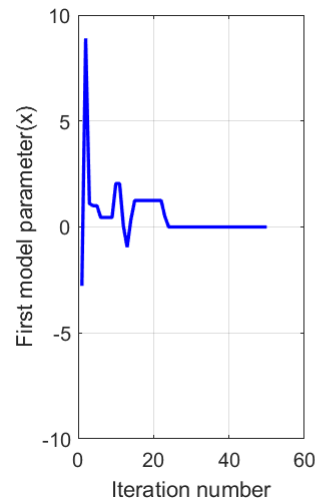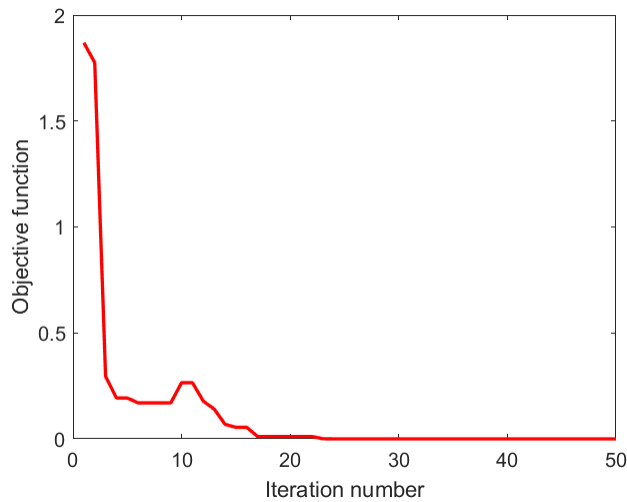# **Very fast simulating optimization (VFSA) 2D objective function**

Alireza Shahin, PhD
Data Engineer/Scientist
June 2022

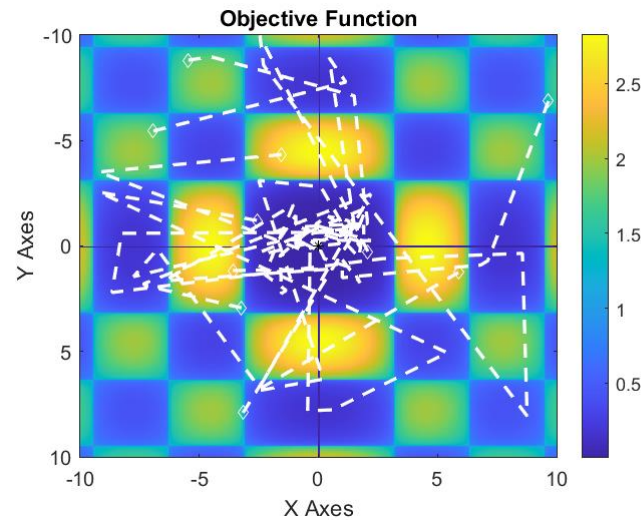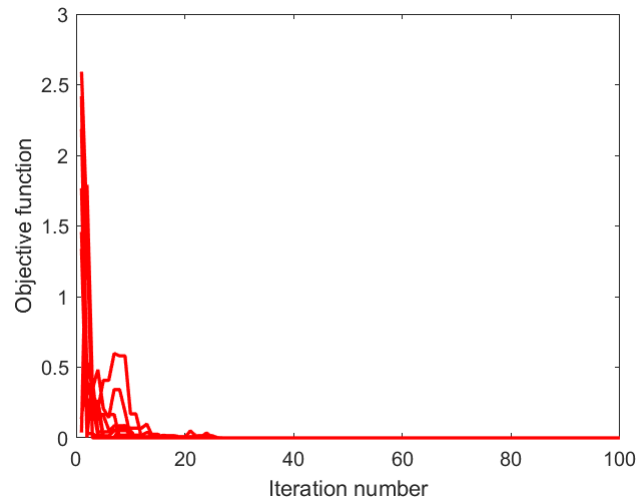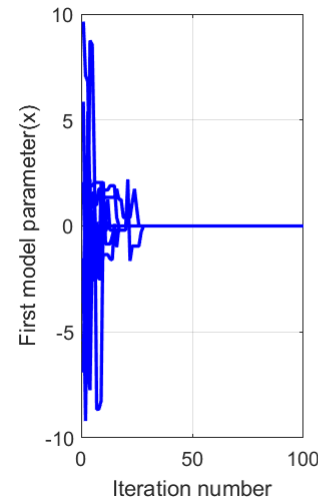# Sign function with global minimum at(0,0) where f(x, y)=0.0

Only 1 run of VFSA

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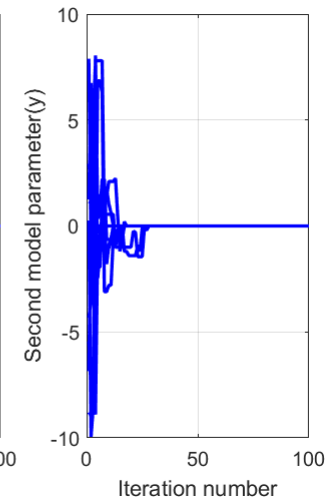# Sign function with global minimum at(0,0) where f(x, y)=0.0

Objective Function

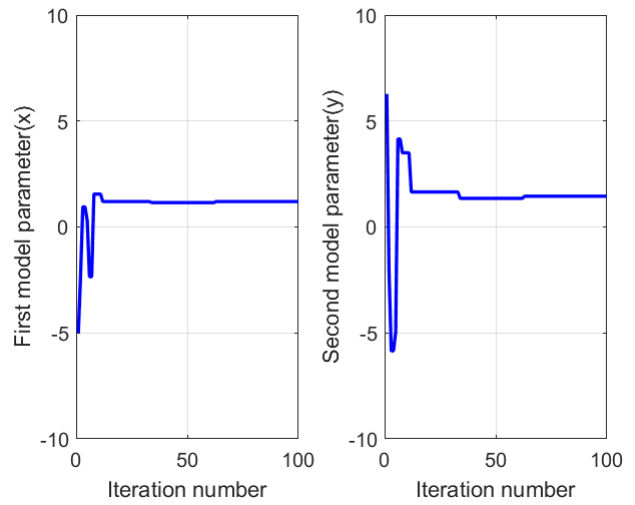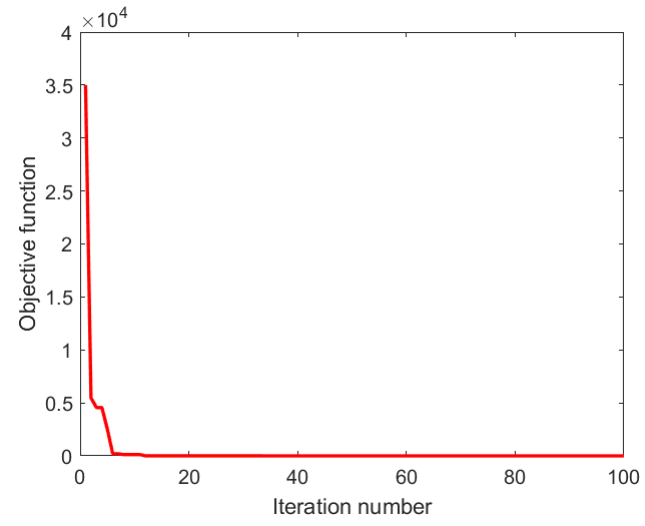10 runs of VFSA

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Banana(Rosen)function with global minimum at(1,1) where f(x, y)=0.0

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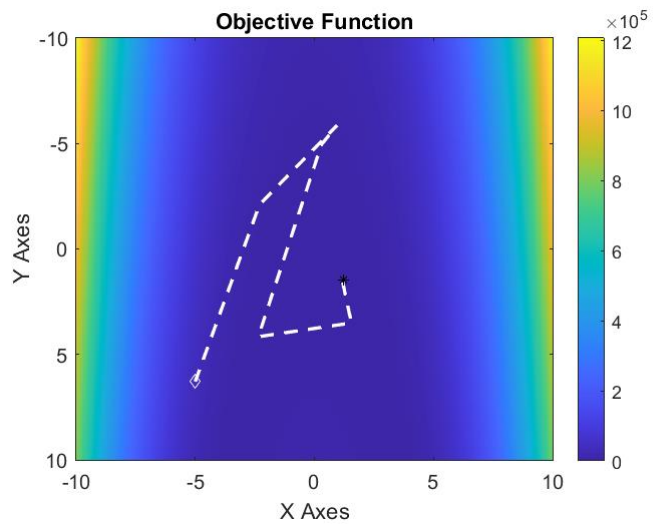
Griewank function with global minimum at(0,0) where f(x, y)=0.0

Objective Function
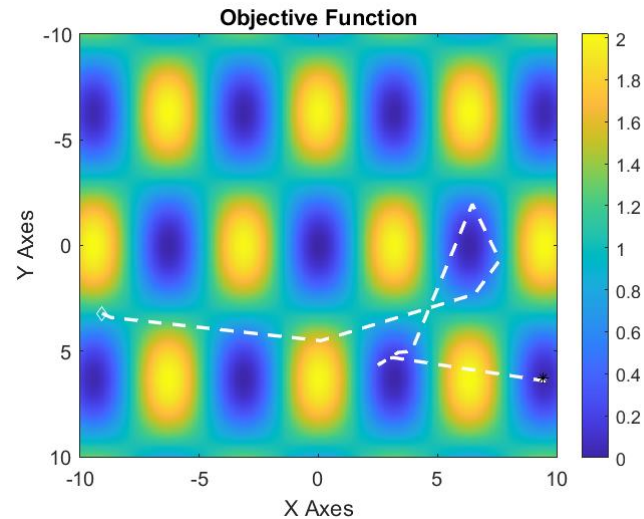
Great example
of VFSA failure

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