

Tema 2 Metode Numerice

Asimionesei Daniel

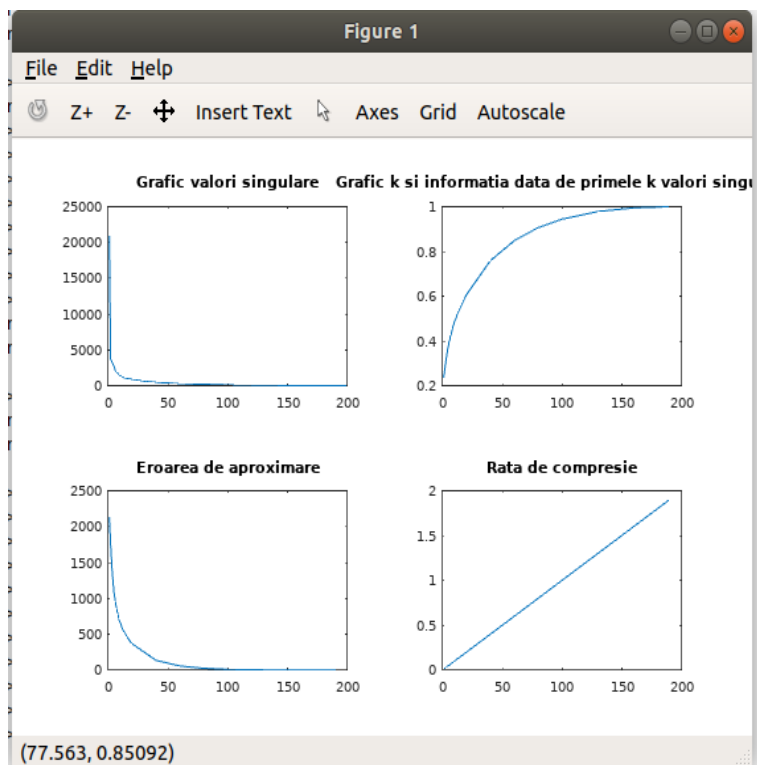
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1 Detalii despre cum am rezolvat cerintele si graficele obtinute la cerintele 2 si 5

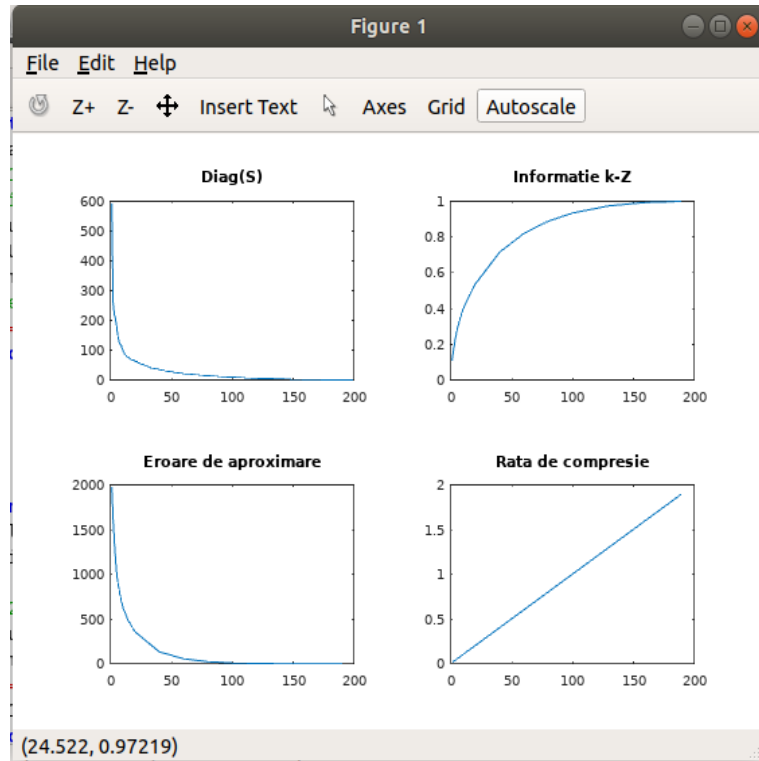
Pentru task-urile 1, 3 , 4 si 6 am urmat pasii descrisi in cerinta si am comentat si explicat codul.

Graficele pentru image1 au iesit ca cele din cerinta:

Task2(image1.gif):

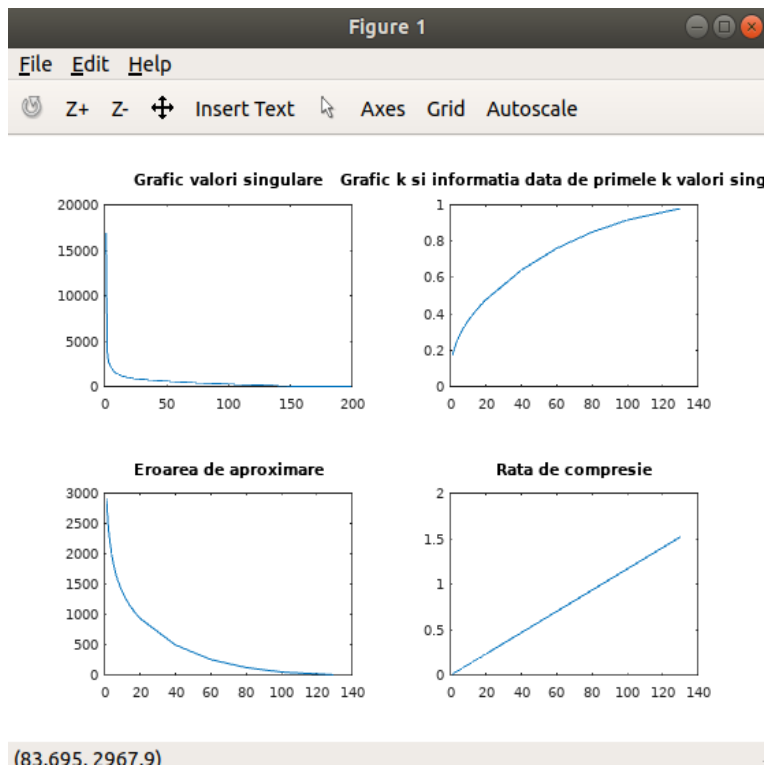


Task5(image1.gif):

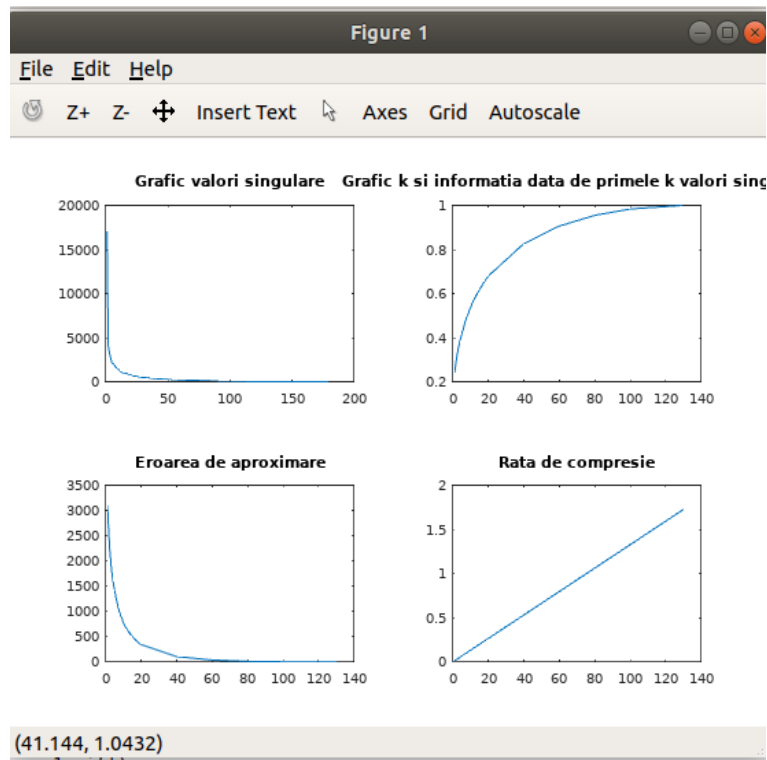


Graficele rezultate pentru doua dintre imaginile date , cum ar fi image2.png si image3.png sunt:

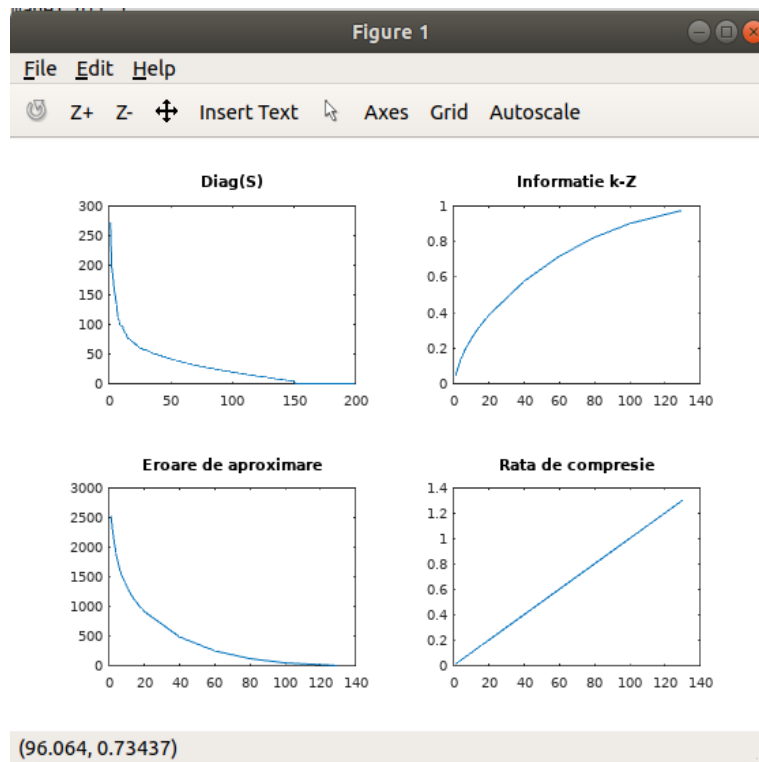
Task2(image2.gif):



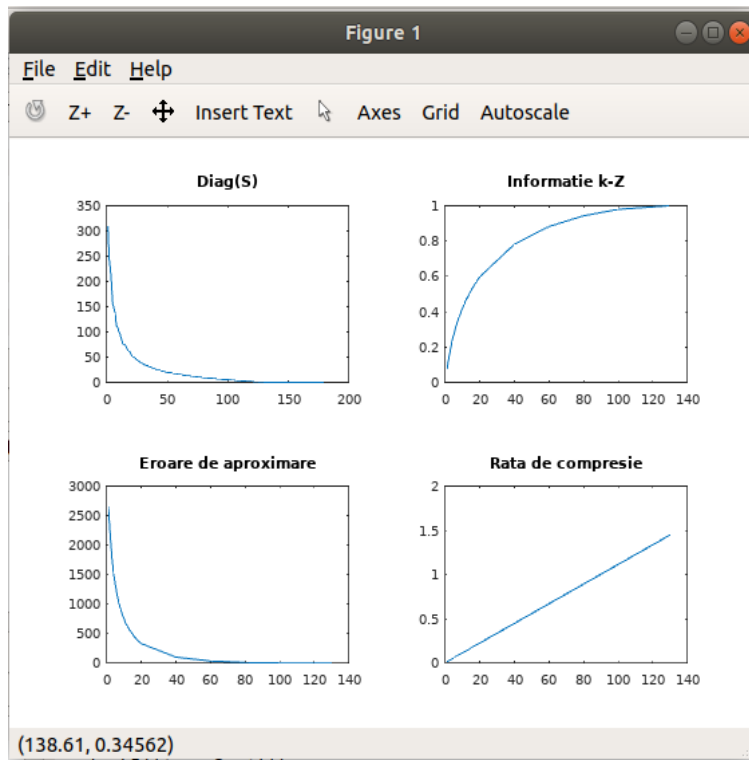
Task2(image3.gif):



Task5(image2.gif):



Task5(image3.gif):



Se poate observa ca daca valorile vectorului k cresc, valoarea erorii de aproximare scade, iar valorile singulare descresc.