

The plots are located in the following Gles:
dx = 0.1 plot = " gulana - 97 - $dx = 0.4. jpeg$ "
$dx = 0.05 \text{ plot} \Rightarrow "gulana - 97 - dx - 0.2 jpeg"$
dx = 0.025 plot =) "gulana - q7-dx - 0.1 - jpeg 1"
dx = 0.0125 glot =) "gulana-97-dx-0.05jpeg" (J=40)
The plots show the values getting doser to the exact solution (given in the choi et al, 2024 paper), demonstrating
convergence.
bx = [0.7703829, 0.57331959,
6.86436473, 0.82221663]