

Figure 1 is a plot showing the evolution of the error norm E_k over 42 steps for 10 different maps. The x-axis is labeled "Step" and ranges from 0 to 40. The y-axis represents the error norm, with a dashed line at E_5 and a dashed line at E_4 . The legend identifies 10 maps: Map 1 (blue circle), Map 2 (orange square), Map 3 (green triangle), Map 4 (red diamond), Map 5 (purple inverted triangle), Map 6 (brown house), Map 7 (pink right triangle), Map 8 (grey left triangle), Map 9 (yellow star), and Map 10 (cyan circle). All maps show a rapid decrease in error norm, stabilizing near E_4 after approximately 20 steps.

