

The graph, titled "Rate Curves", plots two metrics against "epochs" from 0 to 400. The y-axis ranges from 0.0 to 1.0. The "batch_size" (solid blue line) starts at 0.0, jumps to approximately 0.22 at epoch 80, and then increases linearly to 1.0 at epoch 400. The "learning_rate" (dashed red line) starts at 0.0, jumps to approximately 0.25 at epoch 80, and increases linearly until epoch 300, where it is at 0.9. From epoch 300 to 400, it curves to reach 1.0.

Epochs	batch_size	learning_rate
0	0.00	0.00
80	0.22	0.25
100	0.28	0.35
200	0.55	0.65
300	0.82	0.90
400	1.00	1.00

The plot shows the evolution of the loss function over 400 epochs. The y-axis, labeled 'loss', ranges from 1.37 to 1.45. The x-axis, labeled 'epochs', ranges from 0 to 400. Two data series are plotted: 'epoch loss' (red line) and 'batch loss' (teal line). Both series start at approximately 1.445 at epoch 0 and decrease rapidly, stabilizing around 1.375 after 200 epochs. The batch loss is generally slightly higher than the epoch loss after the initial drop.

Heatmap visualization of the power of 10 for the 10x10 matrix A . The color scale ranges from 0.0 (light blue) to 2.5 (dark red). The matrix shows a pattern of high power (red) along the main diagonal and lower power (blue) elsewhere.