

$$A = \begin{bmatrix} 8.044e-04 & 1.669e-03 & 4.170e-03 & 3.928e-03 & \dots & 3.153e-03 & 5.045e-04 & 1.353e-03 & 6.993e-03 \\ 2.048e-03 & 7.271e-03 & 6.414e-04 & 6.193e-03 & \dots & 4.091e-03 & 2.031e-03 & 6.798e-03 & 5.078e-03 \\ 5.876e-04 & 4.389e-03 & 4.607e-03 & 2.237e-03 & \dots & 3.744e-04 & 6.261e-03 & 3.835e-03 & 1.422e-04 \\ 7.987e-03 & 7.052e-03 & 7.472e-03 & 1.674e-03 & \dots & 4.936e-03 & 6.267e-03 & 2.933e-03 & 5.990e-03 \\ 5.914e-04 & 7.611e-03 & 1.827e-03 & 2.890e-03 & \dots & 7.265e-03 & 3.967e-03 & 3.095e-03 & 4.744e-04 \\ 4.070e-03 & 7.271e-03 & 2.926e-03 & 1.864e-03 & \dots & 1.831e-03 & 2.994e-03 & 4.758e-03 & 2.340e-03 \\ 7.882e-03 & 8.591e-04 & 5.286e-03 & 1.216e-03 & \dots & 2.419e-03 & 2.708e-04 & 1.953e-03 & 5.705e-03 \\ 7.761e-03 & 2.171e-03 & 1.316e-03 & 3.811e-03 & \dots & 4.890e-03 & 2.610e-03 & 6.996e-04 & 7.276e-03 \\ 7.714e-03 & 6.194e-03 & 3.245e-03 & 4.855e-03 & \dots & 7.034e-03 & 4.625e-03 & 6.498e-03 & 7.099e-03 \\ 2.511e-03 & 7.621e-03 & 7.250e-03 & 2.333e-03 & \dots & 3.545e-03 & 2.661e-04 & 6.252e-03 & 5.224e-03 \\ 5.056e-03 & 1.779e-03 & 6.979e-03 & 6.689e-03 & \dots & 3.677e-03 & 6.965e-03 & 3.014e-03 & 9.938e-04 \\ 6.994e-03 & 6.318e-03 & 4.291e-03 & 7.513e-03 & \dots & 6.652e-03 & 3.101e-03 & 4.142e-03 & 2.724e-03 \\ 4.726e-05 & 6.193e-03 & 6.583e-03 & 1.655e-03 & \dots & 9.752e-04 & 2.899e-03 & 3.577e-03 & 3.878e-03 \\ 5.496e-03 & 5.674e-04 & 3.041e-03 & 2.151e-03 & \dots & 1.711e-03 & 5.406e-03 & 1.981e-03 & 5.049e-03 \\ 7.232e-03 & 3.758e-03 & 5.223e-03 & 8.110e-04 & \dots & 1.610e-04 & 1.489e-03 & 4.075e-03 & 4.193e-04 \\ 3.282e-03 & 5.994e-03 & 5.189e-03 & 3.354e-03 & \dots & 6.442e-03 & 7.194e-03 & 9.282e-04 & 1.515e-03 \\ 3.072e-03 & 3.572e-03 & 4.395e-04 & 2.989e-03 & \dots & 6.286e-03 & 1.064e-03 & 4.973e-04 & 6.255e-03 \\ 5.379e-03 & 3.309e-03 & 2.238e-04 & 2.024e-03 & \dots & 5.046e-03 & 7.340e-03 & 5.431e-03 & 1.550e-03 \\ 5.467e-03 & 1.944e-03 & 4.022e-03 & 3.241e-03 & \dots & 3.523e-03 & 4.799e-03 & 1.931e-03 & 1.059e-03 \\ 1.711e-04 & 3.533e-03 & 3.556e-03 & 4.758e-03 & \dots & 3.618e-03 & 3.041e-03 & 4.272e-03 & 9.881e-04 \end{bmatrix}$$

$$d = \begin{bmatrix} 10000 \\ 99000 \\ 36000 \\ 97000 \\ 45000 \\ 61000 \\ 82000 \\ 74000 \\ 34000 \\ 51000 \\ 79000 \\ 62000 \\ 42000 \\ 28000 \\ 71000 \\ 52000 \\ 58000 \\ 33000 \\ 31000 \\ 31000 \end{bmatrix}$$