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Figure 1. The effect of the number of iterations on the accuracy of the proposed algorithm. The figure shows the accuracy of the proposed algorithm for different numbers of iterations (10, 20, 30, 40, 50, 60, 70, 80, 90, 100) across different values of α (0.1, 0.2, 0.3, 0.4, 0.5, 0.6, 0.7, 0.8, 0.9, 1.0). The accuracy generally increases with the number of iterations and is higher for larger values of α .

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