First equation of the given system is:4x_1^2-20x_1+ (1/4)x_2^2+8=0.

Second equation of the given system is: (1/2)x_1x_2^2+2x_1-5x_2+8=0.

Enter the first initial approximation (vector in colum format): [0;0]

Enter the maximum number of iterations: 6

Enter the measure of accuracy: 10^(-7)

An approximate root (with tolerance 0.000000) of the given system of equations is:
    0.5000
    2.0000

The iterations are given as:

              1   2   3   4   5   6

  0.0000000000 0.4000000000 0.4958936106 0.4999876145 0.4999999999 0.5000000000
  0.0000000000 1.7600000000 1.9834234742 1.9999370488 1.9999999992 2.0000000000
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