Please put away all electronic devices. This sheet will be collected but not assessed. The professor will look at the second page but will ignore the first page.

**Signature strength action plan** (adapted from PositivePsychology.com). According to Seligman (2019), one of the most effective ways to develop and enhance signature strengths is to identify one target strength, set a specific and measurable goal related to that strength, and devise a concrete action plan to achieve the goal. Pick one of your strengths and answer the following.

In what areas of my life do I use this strength, and how do I use it there?

In what other areas in my life could I use this strength more (or at all), and how?

What is my plan for this? What exactly would I like to do? How frequently? When?

What will happen if I achieve my goals?

Jacobi’s method is

1. A direct method for solving **Ax** = **b**
2. An iterative method for solving **Ax** = **b**
3. An iterative method for decomposing a matrix
4. A direct method for decomposing a matrix

Answer:

Consider the matrix . For the matrix to be strictly diagonally dominant, y must be greater than…

Answer:

Set y = 20 above, and take **.** Write out explicitly (as equations with numbers in them) the Jacobi method.

Answer: