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.

**Being seen and acknowledged** (adapted from PositivePsychology.com). Think through your day yesterday (or if you prefer, another recent day) and answer the following questions.

Who made you feel seen / acknowledged?

What did you feel seen / acknowledged for?

How did it feel in the moment when you were seen /acknowledged? Try visualizing that moment.

What else would you like to be seen / acknowledged for?

How did answering the questions above make you feel?

Do you know anyone whom you think would benefit from being seen / acknowledged today? Is there a way for you to contribute to them having that experience?

For an n x n matrix **A**, for large n, the number of operations necessary to reduce **A** to row echelon form is approximately…

Answer:

Once **A** is in reduced echelon form, the number of operations necessary to solve **Ax** = **b** by back substitution is approximately…

Answer:

Consider the vector (-6, 2, 4, -5)T. What is its 1-norm?

Answer:

What is its 2-norm?

Answer:

What is its infinity norm?

Answer: