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# Triangular matrices and spectral radius

1分

The spectral radius ([https://en.wikipedia.org/wiki/Spectral\\_radius](https://en.wikipedia.org/wiki/Spectral_radius)) of a matrix is the largest absolute value of any eigenvalue of that matrix.

What is the spectral radius of this matrix?

$$A = \begin{bmatrix} -9 & 0 & 0 \\ 5 & 2 & 0 \\ 3 & 1 & 5 \end{bmatrix}$$

回答\*

参考答案: '9'.