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## self consistent matrix norm

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Related topic GelfandSpectralRadiusTheorem

Defines self consistent norm

Defines self-consistent matrix norm

Defines self-consistent norm

Defines self-consistent
Defines self consistent

A matrix norm N is said to be  $\mathit{self}$   $\mathit{consistent}$  if

$$N(\mathbf{AB}) \le N(\mathbf{A}) \cdot N(\mathbf{B})$$

for all pairs of matrices  ${\bf A}$  and  ${\bf B}$  such that  ${\bf AB}$  is defined.