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Closed

[MTH401] The intersection of any finite number of open set in \(\mattab{R}\)is

Open

[MTH401] A set said to be open if and only if each of its points is a/an

Interior point

[MTH401] If the inverse image of an open set is open, then the function is said to be

Continuous

[MTH401] A subset of metric space \((E,d)\) is a closed set if it contains

All its limit points

[MTH401] When is a set (A) of real number said to be complete If every Cauchy sequence of points in A converges to a point in A

[MTH401] The set of limit points of F, denoted by (F^{t}) , is called _____ Derive set of F

[MTH401] Which of the following statement is false Any compact subset of a Hausdaorff space is compact

[MTH401] A set A is a super set of B when ______ \(B\subset A\)

[MTH401] Consider the sequence \($a_{n} : n \in \mathbb{N}$), if and only if for every \(\in\), there exist a positive integer \(n_{0}) such that \($|a_{n}-a_{m}| < in$), such sequence is said to be _____ Cauchy sequence

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