



Math for the people, by the people.

ultraconnected space

Canonical name	UltraconnectedSpace
Date of creation	2013-03-22 14:20:33
Last modified on	2013-03-22 14:20:33
Owner	yark (2760)
Last modified by	yark (2760)
Numerical id	6
Author	yark (2760)
Entry type	Definition
Classification	msc 54D05
Synonym	ultra-connected space
Related topic	Hyperconnected
Defines	ultraconnected
Defines	ultra-connected

A topological space X is said to be *ultraconnected* if no pair of nonempty closed sets of X is disjoint.

All ultraconnected spaces are path-connected, normal, limit point compact, and pseudocompact.