| View/edit network state | Algorithm execution | View reports |

Algorithm   s\hp\Desktop\net2plan-0.4.2\workspace\BuiltInExamples.jar   [Load]

Offline_ca_wirelessPersistenceProbability (com.net2plan.examples... ⌄

Description   This algorithm computes the persistence probability of each link in a
wireless network, that is operating using a random access MAC protocol
(ALOHA-type), so that the resulting link capacities globally optimize a
fairness function (that is, link capacities are allocated in a fair form). The
solution is found solving a problem formulation with JOM.

Parameters

Parameter	Value	Description
alphaFairnessFactor	2.0	Fairness alpha factor (alp...
linkNominalCapacity	1.0	Nominal rate of the links. ...
maxNodePersistenceProb	0.99	Maximum persistence pro...
maxSolverTimeInSeconds	-1.0	Maximum time granted to ...
minLinkPersistenceProb	0.01	Minimum persistence porb...
simultaneousTxAndRxPos...	☐	If false, a node cannot tr...
solverLibraryName		The solver library full or r...
solverName	ipopt	The solver name to be us...

[Execute]