

ea
physical
problem
solution
shortest

fitness
vt
set
connectivity
algorithms
ergin
lightpaths
paths
lightpath
networks
usage
parameter
optimization
best

search
wavelength
ants
optical
network
link
result
algorithm
pheromone
survivable
virtual
number
nodes
find
solutions
resource
ant

path
time
topology
links
node
table
usage
parameter
optimization
best

values
ilp
mutation
mapping

vt
set
connectivity
algorithms
ergin
lightpaths
paths
lightpath
networks
usage
parameter
optimization
best

fitness
vt
set
connectivity
algorithms
ergin
lightpaths
paths
lightpath
networks
usage
parameter
optimization
best

search
wavelength
ants
optical
network
link
result
algorithm
pheromone
survivable
virtual
number
nodes
find
solutions
resource
ant

path
time
topology
links
node
table
usage
parameter
optimization
best

values
ilp
mutation
mapping

vt
set
connectivity
algorithms
ergin
lightpaths
paths
lightpath
networks
usage
parameter
optimization
best

fitness
vt
set
connectivity
algorithms
ergin
lightpaths
paths
lightpath
networks
usage
parameter
optimization
best