

Parameter	Description
l	number of software components
m	number of Cloud VM images
n	number of Cloud infrastructure services
o	number of Cloud providers
r	number of formulated Requirements
C	set of software components
I	set of relations between components
A	set of Cloud VM images
S	set of Cloud infrastructure services
P	set of Cloud providers
R_A	set of Cloud image requirements
R_S	set of Cloud service requirements
D	set of image-service compatibilities
E	set of inter-image compatibilities
F	set of inter-service compatibilities
\hat{A}_{a_i}	set of numerical attributes of i-th image
\hat{A}_{s_j}	set of numerical attributes of j-th service
\hat{B}_{a_i}	set of non-numerical attributes of i-th image
\hat{B}_{s_j}	set of non-numerical attributes of j-th service
c_h	h-th software component to be migrated to the Cloud
a_i	i-th image in the set of m images
s_j	j-th service in the set of n services
p_k	k-th provider in the set of o providers
d_l	l-th dependency (a_i, s_j) in the set D
τ	Cloud image or service $\tau \in A \cup S$
$\chi(\alpha)$	Value of numerical attribute α in CloudGenius database
$\chi(\beta)$	Value of non-numerical attribute β in CloudGenius database
α_{h,τ_i}	h-th numerical attribute of i-th τ
β_{g,τ_i}	g-th non-numerical attribute of i-th τ
v_{τ_i}	value of i-th τ calculated with $(MC^2)^2$