Definition
It is the length of a shortest path between <i>n</i> and any other node. If <i>n</i> is an isolated node, its value is zero.
It is computed as follows:
$C_b(n) = \sum_{s eq n \neq t} \left(\sigma_{st} \left(n \right) / \sigma_{st} ight)$
where s and t are nodes in the network different from n, σ_{st} denotes the number of shortest paths from s to t, and σ_{st} (n) is the number of shortest paths from s to t that n lies on. It ranges between 0 and 1.
It is the reciprocal of the average shortest path length and is computed as follows:
$C_c(n) = 1/avg(L(n,m))$
where $L(n,m)$ is the length of the shortest path between two nodes n and m . The closeness centrality of each node is a number between 0 and 1 and it is a measure of how fast information spreads from a given node to other reachable nodes in the
See definition of cluster coefficient in Table 2.
It is the number of edges of a node.
It is the maximum non-infinite length of a shortest path between <i>n</i> and another node in the network.
It is computed by subtracting the average shortest path length of a node n from the diameter of the connected component plus 1. The radiality of each node is divided by the diameter of the connected component and it is a number between 0 and 1
It is the number of shortest paths passing through a node.
For a node <i>n</i> with k_n neighbors it is computed as follows:
$T_n = avg(J(n,m))/k_n$
Where $J(n,m)$ is the number of neighbors shared between the nodes n and m , plus one if there is a direct link between n and m . It is a relative measure for the extent to which a node shares neighbors with other nodes.
It is defined as the average connectivity of all neighbors of a node, where the connectivity of a node is the number of its neighbors.

*With modification from http://med.bioinf.mpi-inf.mpg.de/netanalyzer/help/2.7/index.html#attributes.