
NETWORK TOPOLOGIES GENERATION

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Modifications

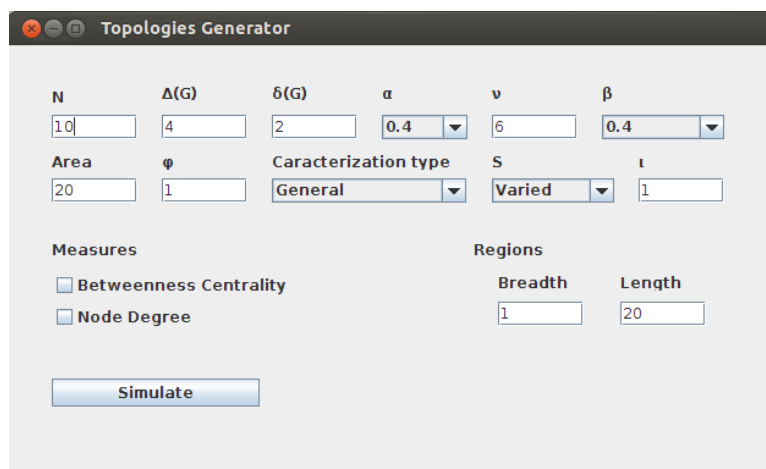
Region

Previously reported the number of regions, now must inform the length and breadth, so we have a possibility of a rectangular dimension for example.

"The number of regions, *Region* should be in between $2N$ and N^2 . i.e., $2N \leq Region \leq N^2$. So there are several options to divide the area into different types of rectangular dimensions" [Sudhir].

The distribution of the regions we will be random form and may have more than one nodes in a region.

The remainder *nttgen*. Below is the image of the interface.



The screenshot shows a software window titled "Topologies Generator". It contains several input fields and dropdown menus for configuring network parameters. The parameters are organized into sections: "N", "Δ(G)", "δ(G)", "α", "v", "β", "Area", "φ", "Characterization type", "S", "t", "Measures", and "Regions".

N	Δ(G)	δ(G)	α	v	β
10	4	2	0.4	6	0.4

Area	φ	Characterization type	S	t
20	1	General	Varied	1

Measures
☐ Betweenness Centrality
☐ Node Degree

Regions

Breadth	Length
1	20

Simulate

Figure 1: Topologies Generation