

Comment On The Teacher Role

About the teacher role, as it can be seen it in the above graph the teacher 1205 is more passive than the most active student 1963. But the arrow between the 1963 and 1205 is double-sided. The node 1963 has stronger relationships with the student network, so it may be assistant (PhD Student).

The Most Active Students

The most active students in this graph are 1963, 1941, 1950 they have the highest number of degree so we can say that they are active. But they are mostly receiving. And this could be a problem when we want to distribute information to the rest of the network. And the edge between student 1950, 1940, 1914, 1963, 1943 are thick when it compared to others so maybe these students work in the same Project.

Isolated Students

And when it comes to 1446, 1946, 1956 are isolated from the network, these three nodes don't have any in or out degree arrows. So, they are out of that communication network. And also 1975 has just one interaction with one of the students in the network (1974).

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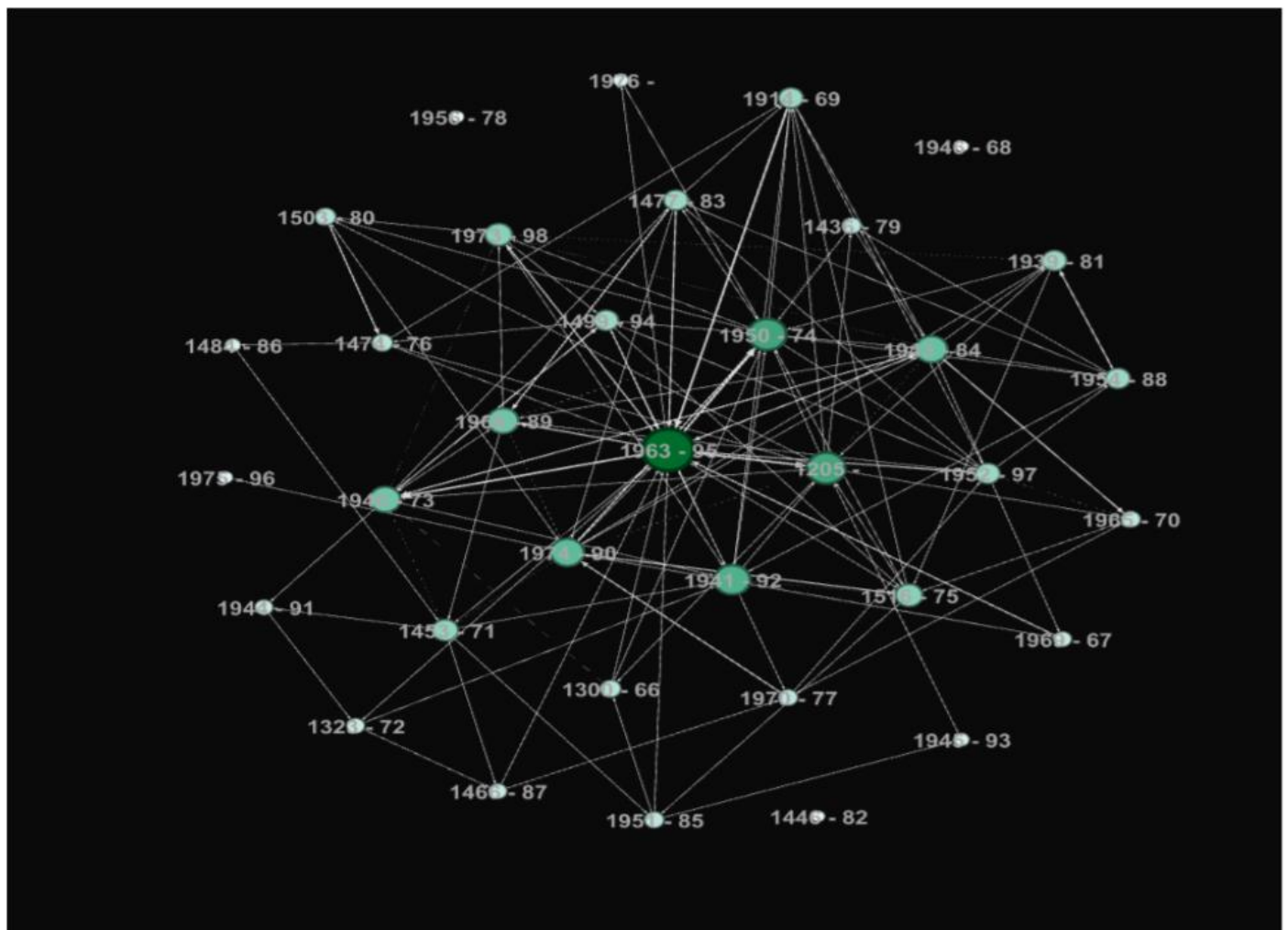
Advice for Isolated Students

When it comes to advices for isolated students my thoughts are as following, they can start their communication with the most active students like 1941, 1950 and 1963 because they'll have a chance to meet much more people via these students.

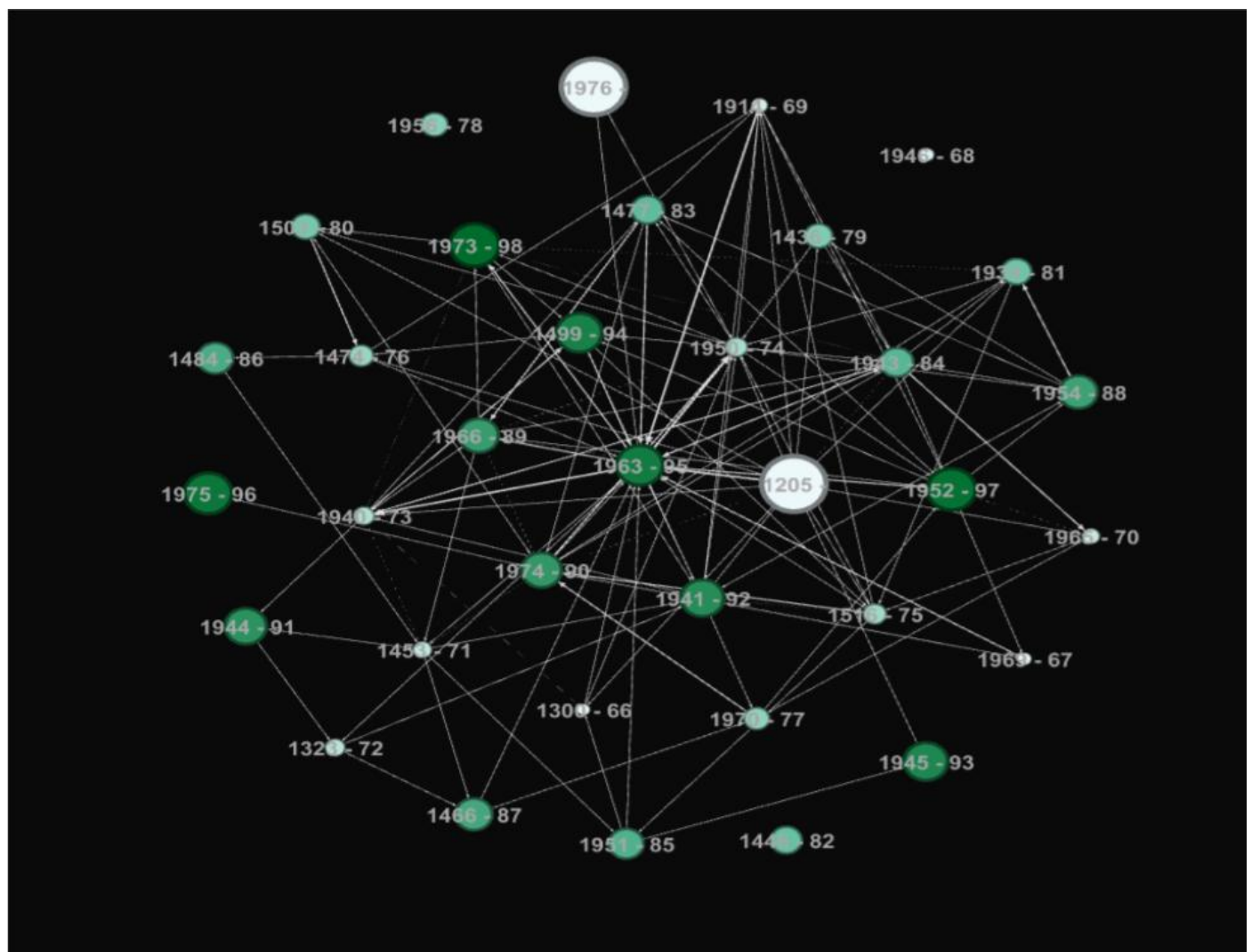
Calculated Centralities

Highest Betweenness Centrality is 256.411525 and belongs to node with the id 1963 . It is often used to find nodes that serve as a bridge from one part of a graph to another. Lowest Betweenness Centralities are 0.0 and belong to the nodes with the ids 1946,1956,1446,1975,1976 who has no over the flow of information in a graph. Highest Closeness Centrality is 0.6 and belongs to node with the id 1963 who is teacher. This node is so close the all other nodes in the network. Lowest Closeness Centralities are 0.0 and belong to the nodes with the ids 1946,1956,1446 who are completely or partially isolated. Highest Eigenvector Centrality is 0.6 and belongs to node with the id 1963. Because influence of this network is so much in the network. Lowest Eigenvector Centralities are 0.0 and belong to the nodes with the ids 1946,1956,1446 who has no influence in the network above).

Graph, node sizes and colors according to the Degree



Graph, node sizes and colors according to the Total Grade



Graph, node sizes and colors according to the EigenVector Centrality

