

ABSTRACT

In this thesis, I have constructed NF number of a complete graph with a whisker. Moreover, I have constructed the non-face complexes or (Stanley-Reisner Complexes) for this graph with the help of minimal vertex covers. We have determined the formula for the NF-number of a complete graph with a whisker.

We have also constructed the non-face complexes or (Stanley-Reisner Complexes) of a complete graph with two paths attach to it. Further I have constructed the NF-number formula for the complete graph with two paths attach to it.