1. If the subsequences , of a sequence of converges to same limit then the sequence is convergence and .
2. Let .Show that f(x) has at least one root between 0 and 1.
3. Using definition of limit show that .
4. Find the derivative of x|x|.
5. If then show that .
6. If ,then show that .
7. If lx+my=1 be a normal to the parabola then show that .
8. Obtain Maclaurin series expansion for ln(1+x) and using it to find the series representation of for .