1. for
2. , for all
3. for
4. for all
5. For any region in the plane, (for #’s 9-11)
6. for all
7. for any region in the plane
8. ,
9. and
10. ,
11. The mean and variance of the Poisson distribution both have the value .
12. Let be a binomial random variable with probability distribution . When , , and remains constant, .
13. ,