



"Annie Get Your Gun," the Rodgers and Hammerstein musical with music and lyrics by Irving Berlin, will be staged by the Troy Players opening Friday, March 9. Performances continue Saturday, March 10, and the following weekend, Thursday-Saturday, March 15-17. Curtain time is 8 p.m. at Larson Middle School, south of Long Lake Road, one block east of John R. Tickets are priced for adults and for students and senior citizens. For reservations or information call 578-1245.

[illegible]

1. The first part of the paper is devoted to the study of the properties of the function  $f(x)$  defined by the equation
 
$$f(x) = \int_0^x \frac{1}{1+t^2} dt$$
 for  $x \in \mathbb{R}$ . It is shown that this function is strictly increasing and concave down on the interval  $(-\infty, \infty)$ . Moreover, it is proved that the function  $f(x)$  has a horizontal asymptote at  $y = \frac{\pi}{2}$  as  $x \rightarrow \pm\infty$ .