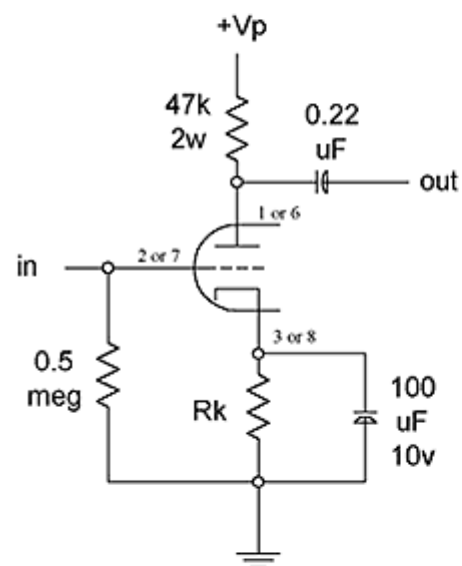


Figure 2:  
suggested circuits and  $R_k$  values for the  
Svetlana 6N1P, to obtain best linearity  
while remaining within device ratings.

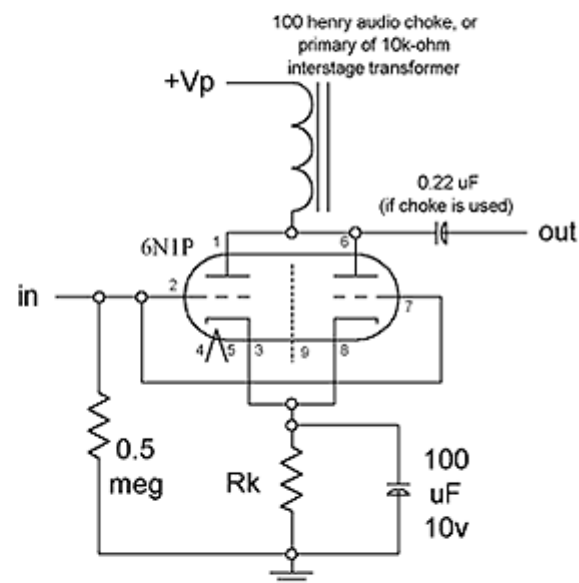
a) RC-coupled stage using  
single triode.



$V_p$	$R_k$ for min. THD	resulting $V_k$
140 vdc	750 ohms	1.10 vdc
250 vdc	430 ohms	1.28 vdc
400 vdc	1000 ohms	3.0 vdc

(Measured with input signal adjusted to give 10 vRMS  
output signal at 1000 Hz, with heater at 6.3vdc.)

b) choke-loaded or transformer-  
loaded stage using both triodes  
of a 6N1P in parallel.



$V_p$	$R_k$ for min. THD	resulting $V_k$
140 vdc	120 ohms	1.63 vdc
250 vdc	250 ohms	4.1 vdc

(Measured with input signal adjusted to give 10 vRMS  
output signal at 1000 Hz, with heater at 6.3vdc.)