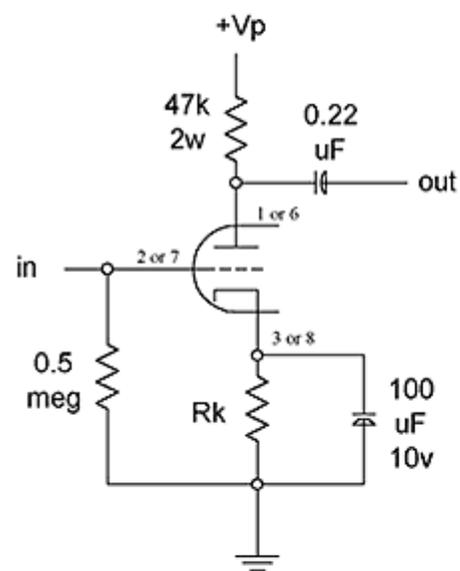


Figure 2:
suggested circuits and R_k values for the
Svetlana 6N1P, to obtain best linearity
while remaining within device ratings.

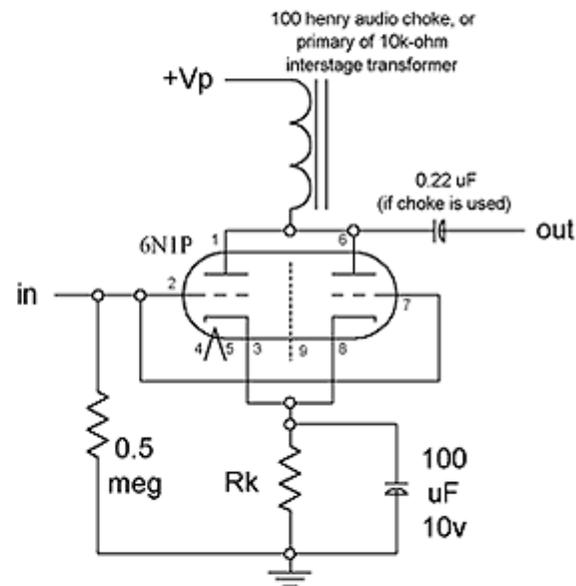
a) RC-coupled stage using
single triode.



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.)