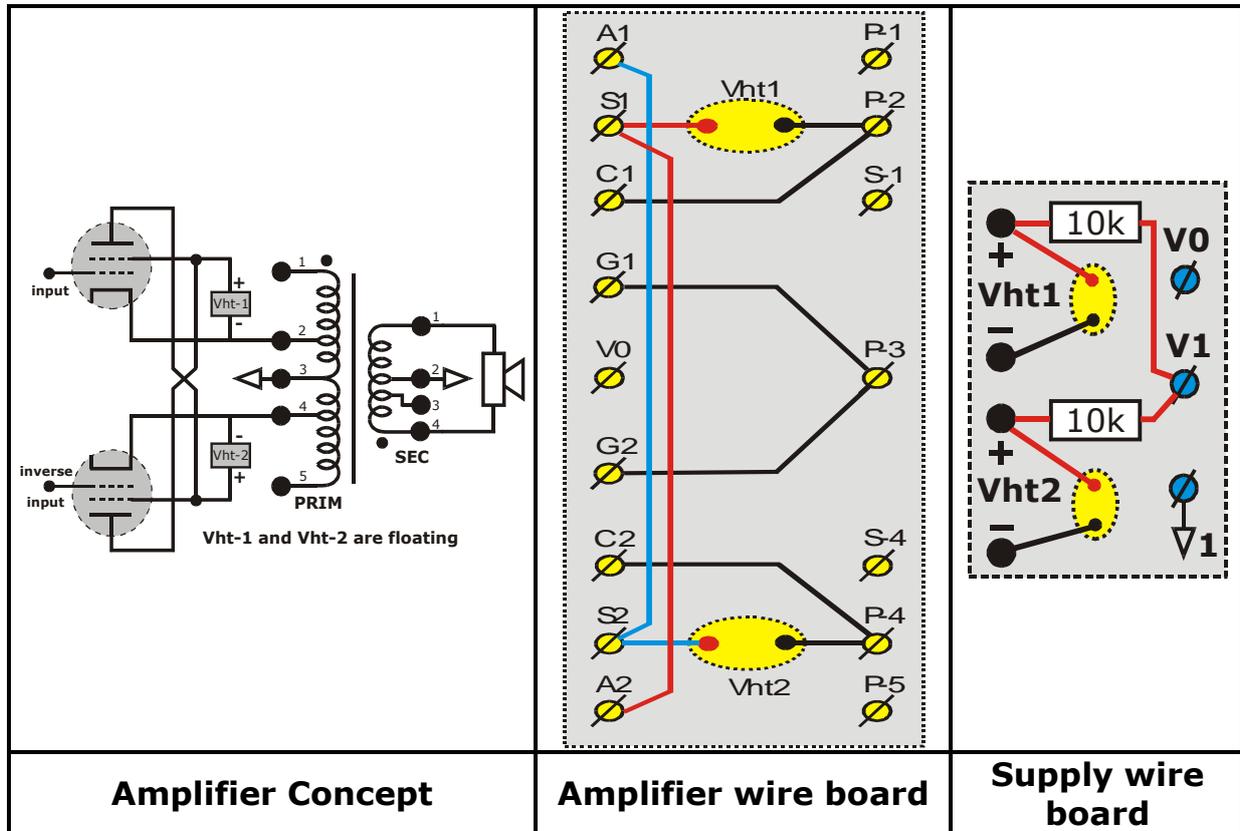


# THE VANDERVEEN PROJECT STANDARD FORM



Number, Name	18 : PPP Pentode	Units
$I_0$ per tube	50	[mA]
Connect $4 \Omega$ to	sec. taps 1 and 2; then $Z_{cc} = 900 \Omega$	[ - ]
P-max @ 1 kHz	11 *	[Watt]
f-lowest @ P-max	8	[Hz]
-3dB freq-range	7 Hz – 68 kHz	[Hz-kHz]
A(unloaded)	0.27	[ - ]
A ( $4 \Omega$ loaded)	0.2	[ - ]
Z-out	1.33	[ $\Omega$ ]
DF (8 $\Omega$ reference)	6	[ - ]

## Remarks:

- 1) Very clean amplifier with many details
  - 2) Largest damping factor of all amps
  - 3) Bass sounds very well controlled
  - 4) Delivers a wide and deep and open sound stage
- \*) This is not the maximum output power, because the driver stage does not deliver enough AC-voltage to drive the power tubes to their limits.