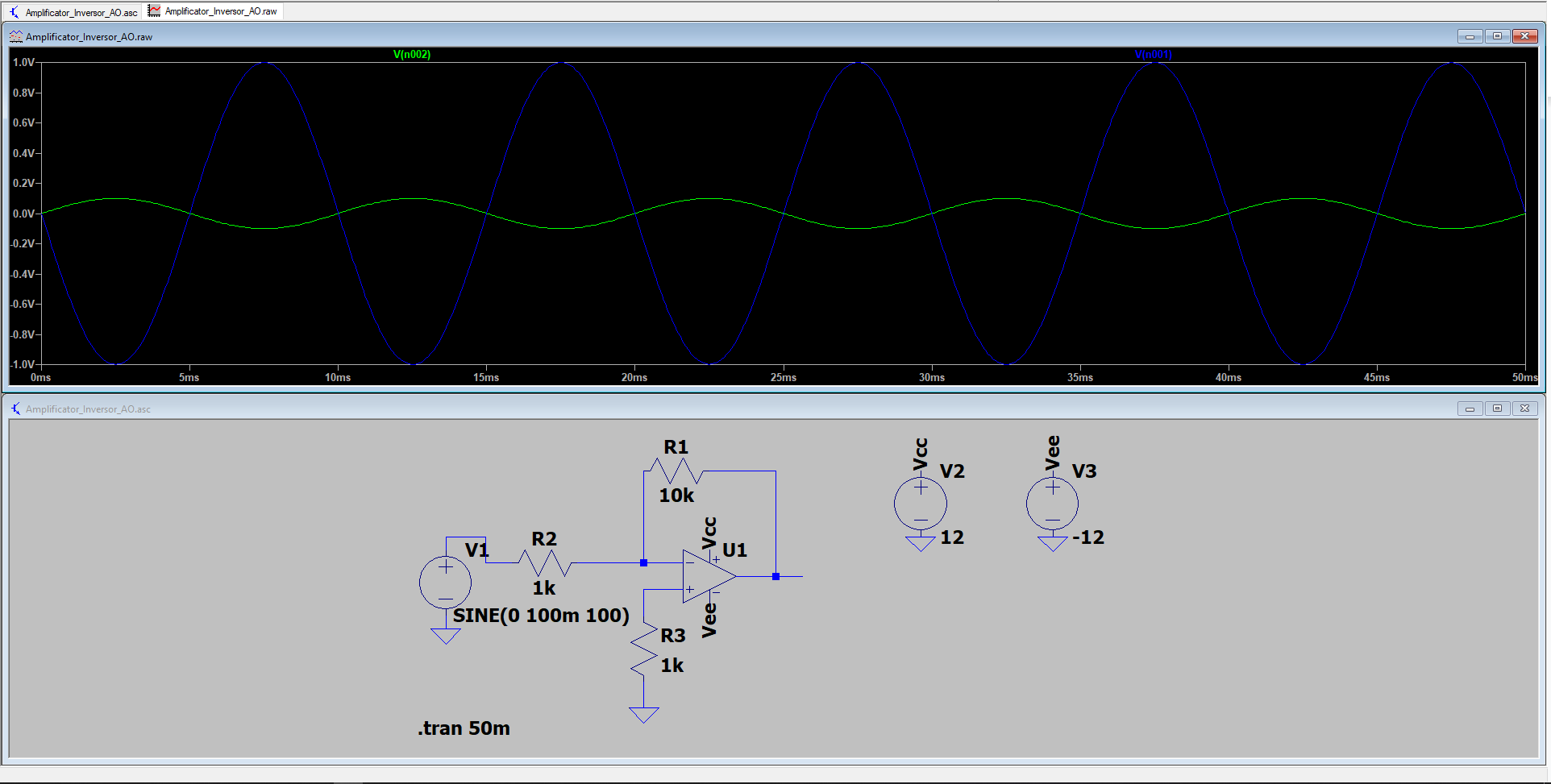
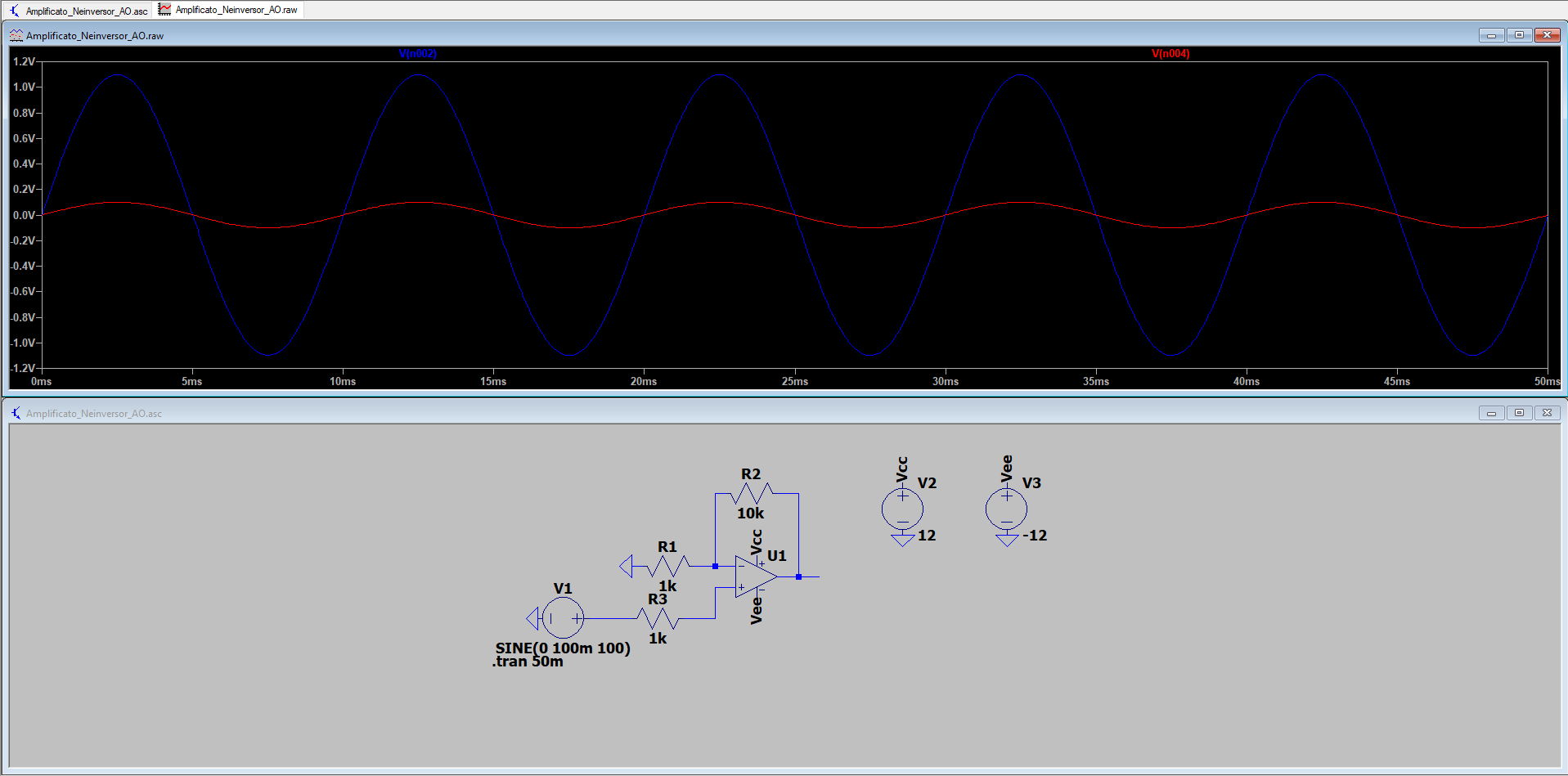
Tema R4- Deea

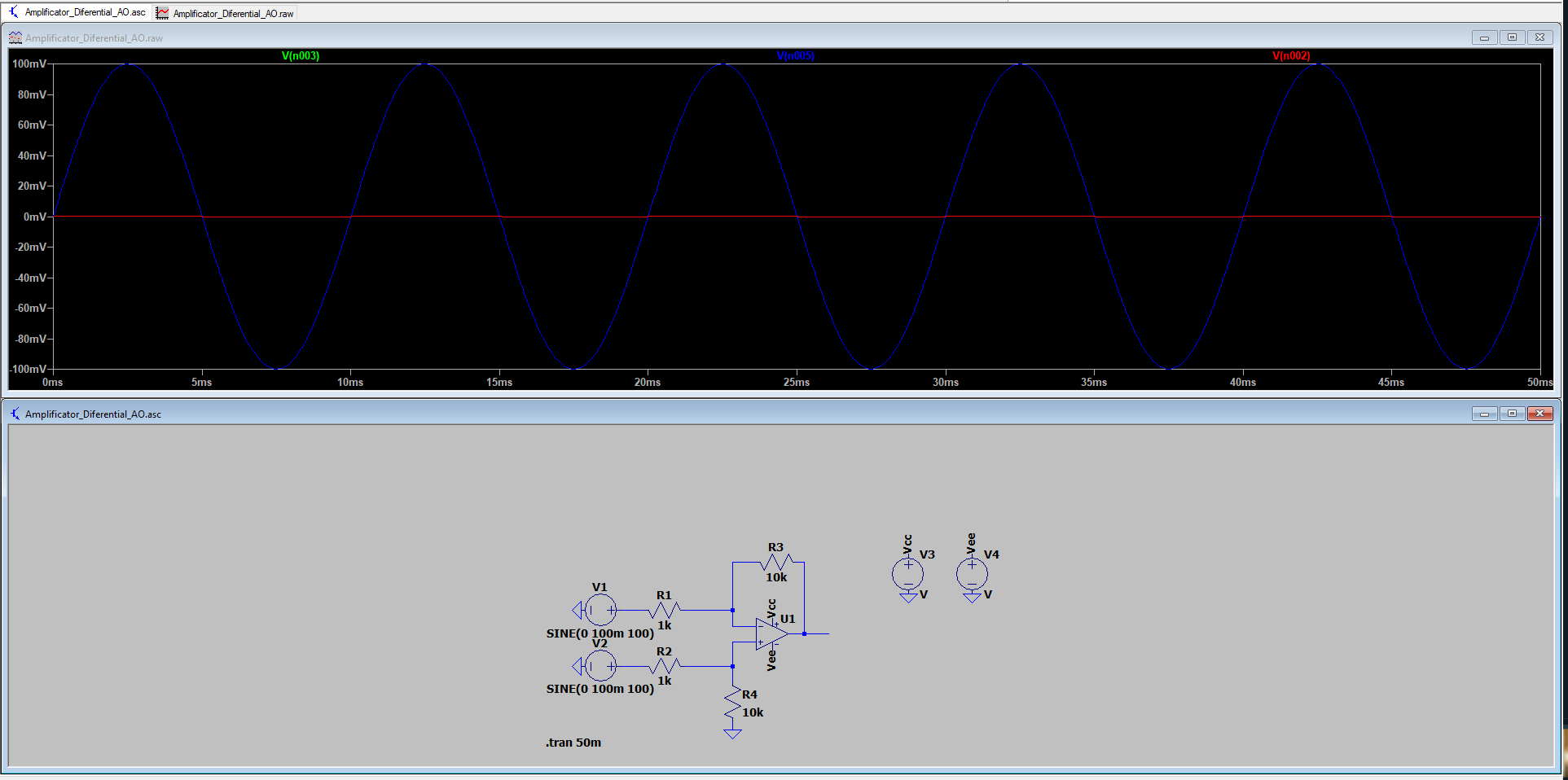
Amplificator inversor cu AO

-> e cu minus pentru ca e in defazaj (sper ca zic bine)

Amplificator neinversor cu AO

Folosim formula:

Amplificator diferential cu AO

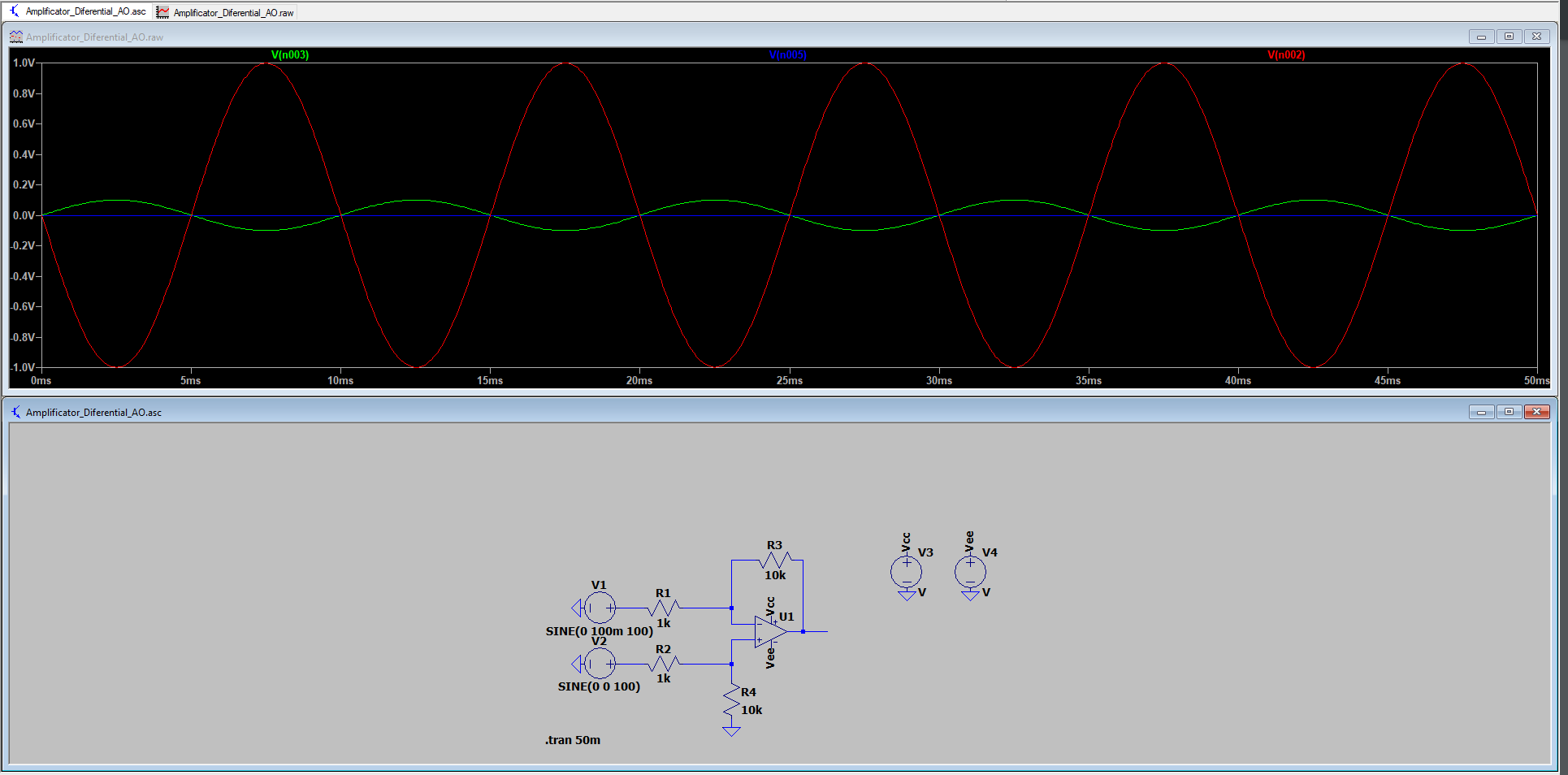
 Caz 1 (ambele tensiuni de intrare sunt egale)

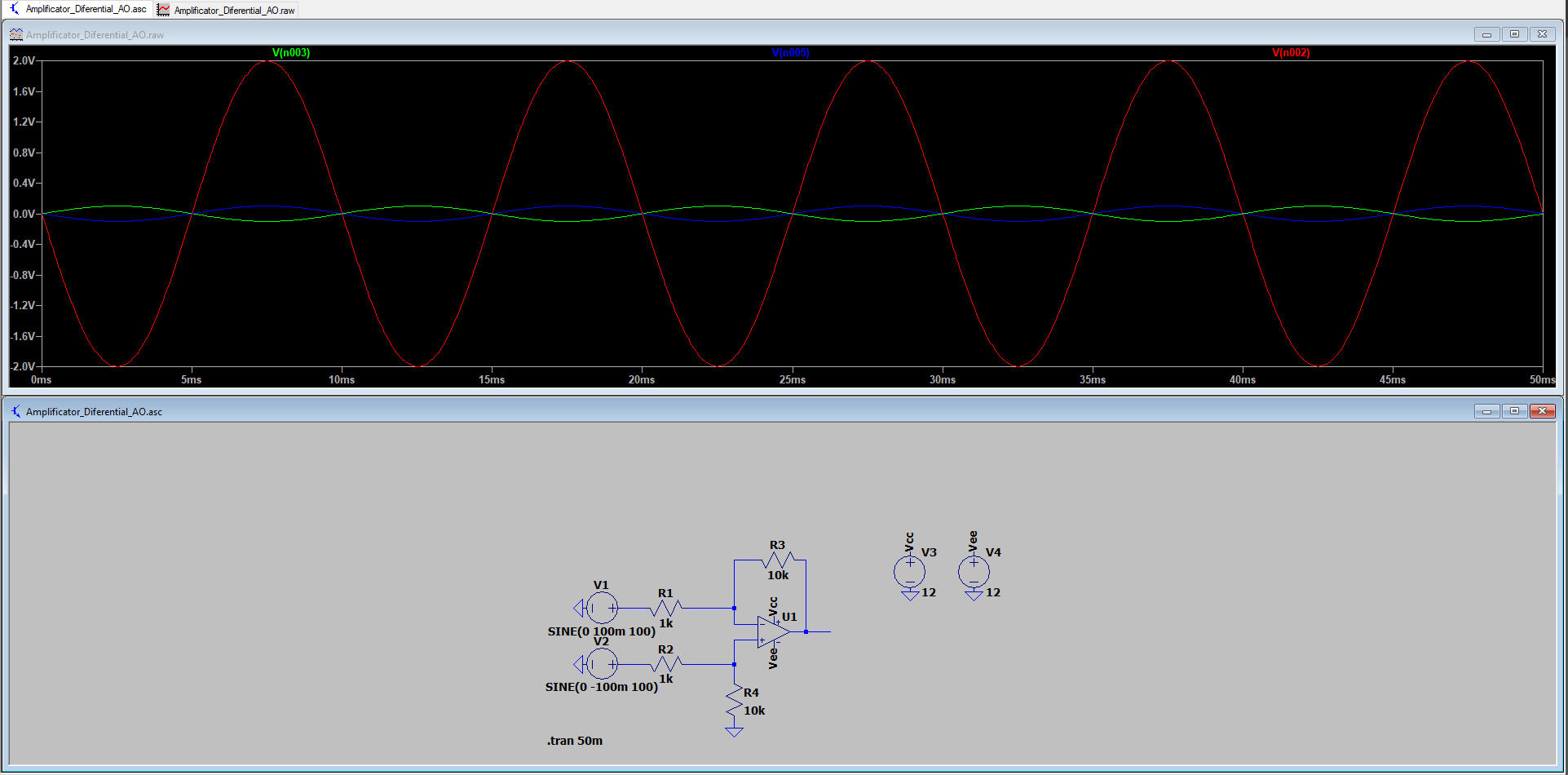
Formula pentru conditia de amplificare diferentiala:

(sunt putin inversati indicia pentru ca i-am pus altfel in schema)

Formula asta duce la (ceea ce e adevarat pentru rezistentele folosite)

Formula pentru tensiunea de iesire:

 Caz 2 ( una din tensiunile de intrare este nula)

 Caz 3 (prima sursa da 100mV si a doua -100mV)

Tensiunea de iesire se dubleaza fata de cazul anterior