

Physics 261

Homework # 8

Remember to show your work.

1. In Faissler, problem 29-1a, the solution given has two op amps. Find another solution using just one amp.
2. Faissler, problem 29-3.
3. Design a circuit using 1 op amp that represents $w + x - y - z$.
4. Design a circuit that averages N inputs, that is:

$$V_{out} = \frac{1}{N} \sum_{k=1}^N V_k.$$