

Check parities:

1. Parities are correct.
2. Parity for a, b or both is incorrect.

Check data:

1. Both a and b are positive or negative.
2. One of a or b is negative.
3. A and B are max or min nonzero values.
4. A or B, or A and B are zero.

<https://github.com/hezlosliwy/ver-dig-ic>