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Isabella Novik* (novik@math.washington.edu), Department of Mathematics, University of Washington, Seattle, WA 98195-4350, and **Hailun Zheng** (hz@math.ku.dk), Department of Mathematical Sciences, University of Copenhagen, Copenhagen, Denmark. *The stresses on centrally symmetric complexes and the lower bound theorems.*

We discuss some results related to the lower bound theorems for centrally symmetric simplicial polytopes and centrally symmetric Cohen-Macaulay complexes. This includes recent proofs of a conjecture by Stanley and another conjecture by Klee, Nevo, Novik, and Zheng. (Received March 06, 2021)