

**ZMATH 2007a.00508**

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**The Gerrymander problem. Measuring compactness. Measuring compactness.**

Consortium, No. 89, 15-19 (2005).

Author's abstract: Every ten years, the U.S. House of Representatives is reconfigured according to the results of the U.S. Census. This reconfiguration comes in two distinct stages. The first is the reapportionment of the 435 seats in the House of Representatives. After the appropriate apportionment is determined, states must realign their congressional districts to account for shifts in population to insure that each voting district has approximately the same population and to account for either the loss or gain of a new district.

*Classification:* M75

*Keywords:* elections; mathematical applications; compactness; area