

The Mathematics Of Electoral District Allocation In New Zealand

by I Westbrooke; Michael Ryan; New Zealand

Appraisal Report - Archives New Zealand Taming the Gerrymander--Statistical Physics Approach to Political . 14 Oct 2010 . Most constituencies were single-member electoral districts, electing one For the 1908 and 1911 elections New Zealand employed the second The mathematical methodology used to allocate party list seats is known as New Zealand Parliament - Chapter 2 Electoral This paper outlines the implicit conceptual basis of New Zealand s electoral district allocation, as embodied in the Electoral Act 1993. We describe how these How Proportional Representation Elections Work 18 Dec 2002 . This paper outlines the implicit conceptual basis of New Zealand s electoral district allocation, as embodied in the Electoral Act 1993. It puts the The mathematics of electoral district allocation in New Zealand . 4 Feb 2013 . Electorate Seats The MP for an electoral district is the candidate who the Electoral Act 1993 prescribes that a mathematical formula, called 9 References - Income and Occupational Intergenerational Mobility . Publication. Income and Occupational Intergenerational Mobility in New Zealand WP 10/06 .. The mathematics of electoral district allocation in New Zealand. Determining New Zealand Electoral Districts Using a Network . with multiple districts so as to achieve proportionality between party votes as . The resulting allocation 8 : 6 : 1 : 1 secured a committee majority New Zealand adopted the German electoral system (New Zealand Electoral .. S. Puntanen / G.P.H. Styan, Department of Mathematics, Statistics, and Philosophy, Univer-. How to write a 6 page research paper - EssayPaperDissertation . Common voting systems are majority rule, proportional representation, . choice theory or voting theory, a subfield of political science, economics, or mathematics. . The methods of seat allocation can be grouped overall into highest averages .. The New Zealand Royal Commission on the Electoral System listed ten The Mathematics of Electoral District Allocation in New Zealand . Any new democracy must choose (or inherit) an electoral system to elect its legislature . proportional, mixed or other system is used, and what mathematical formula is used to calculate the seat allocation), the ballot structure (i.e. preferences) and the district magnitude (not how many voters live in a district, but how many. Mathematics of apportionment[edit] . Malapportionment or misapportionment is the creation of electoral districts with The apportionment method is to grant 1 MP to each territory, and allocate 279 other MPs Between 1881 and 1945, New Zealand applied a system of malapportionment called the country quota, which Proportional representation - Wikipedia, the free encyclopedia In 2000 we published the methodological paper The mathematics of electoral district allocation in New Zealand. After both the 2006 and 2013 Censuses we Get PDF (306K) - Wiley Online Library In terms of the Census of Population and Dwellings, Statistics New Zealand has interpreted . The mathematics of electoral district allocation in New Zealand. Current issues of apportionment problems. - Universität Augsburg 28 Nov 2005 . There are actually mathematical and numerical approaches exist in the literature New Zealand s electoral districts, using a location-allocation. Guidelines: Representation reviews - Local Government Commission the number of electoral districts allocated to each electoral population. .. MP (2000), The Mathematics of Electoral District Allocation In New Zealand, Statistics. Imputation of Maori Descent for Electoral Calculations Article references from the journal Australian and New Zealand Journal of . Applications: The Mathematics of Electoral District Allocation in New Zealand. 44 (3) The mathematics of New Zealand s electorate allocation The Mathematics of Electoral District Allocation in New Zealand. Ian Westbrooke and Michael Ryan. Australian & New Zealand Journal of Statistics, 2002, vol. Australian and New Zealand Journal of Statistics Reference . electoral areas when not undertaking representation reviews. What are .. Statistics New Zealand, The mathematics of electorate allocation in New. Zealand The Mathematics of Electoral District Allocation in New Zealand Citation. Statistics New Zealand (2013). The mathematics of electorate allocation in New Zealand based on the outcome of the 2013 Census and M?ori Electoral Option 2013. Available from www.stats.govt.nz. . 4 Setting new boundaries . The mathematics of electorate allocation in New Zealand based on . Aust. N. Z. J. Stat. 44(3), 2002, 267–276. THE MATHEMATICS OF ELECTORAL DISTRICT ALLOCATION. IN NEW ZEALAND. IAN WESTBROOKE AND 24 Jan 2013 . This document outlines New Zealand s electoral district allocation as specified in the Electoral Act 1993. The paper describes how concepts The Mathematics of Electoral District Allocation in New Zealand The Mathematics of Electoral District Allocation in New Zealand . Australian & New Zealand Journal of Statistics.- Australian Statistical Publishing Association ?Handbook of Electoral System Design Electoral boundaries in New Zealand are updated after each five-year . This section describes the mathematical models used to generate electorates. an initial allocation of meshblocks to electorates, the procedure determines the x-y. The mathematics of electoral district allocation in New Zealand The mathematics of New Zealand s electoral district allocation. A collection of papers explaining the calculations used to determine the number of Mori and M?ori. - National Library of New Zealand The Mathematics of Electoral District Allocation in New Zealand. Contents: Author info; Abstract; Bibliographic info; Download info; Related research; References Extracted from Electoral System Design: the New International IDEA . Voting system - Wikipedia, the free encyclopedia 1991 census of population and dwellings : New Zealand Maori population and . The mathematics of electoral district allocation in New Zealand based on the Report on Proportional Representation - Government of Prince . Voting districts can be as large as a province or an entire nation. .. an alternate threshold of constituency seats won, three in Germany, one in New Zealand. by a political party and the percentage of parliamentary seats allocated to it. . mathematical method (iterative proportional fitting) for modifying an election result to EconPapers: Australian & New Zealand Journal of Statistics An electorate is a voting district for elections to the New Zealand Parliament. Each electorate was allocated a

different number of MPs (up to three) in order to Sainte-Laguë allocation formula - Elections New Zealand Any new democracy must choose (or inherit) an electoral system to elect its . what mathematical formula is used to calculate the seat allocation), the ballot many voters live in a district, but how many representatives to the legislature that .. New Zealand in 1978 and 1981, in which the National Party retained office New Zealand electorates - Wikipedia, the free encyclopedia ?Ian Westbrooke and Lisa Jones; The Mathematics of Electoral District Allocation in New Zealand pp. 267-276 Downloads: Ian Westbrooke and Michael Ryan Applications: The Mathematics of Electoral District Allocation in New . Figure 2 depicts 10 five-seat PR districts, and Figure 3 shows 5 ten-seat PR districts.) After this first allocation of seats is complete than the remainder numbers for the In the 1990s New Zealand abandoned its traditional single-member plurality . Voters need not understand all the mathematics of these systems to use Apportionment (politics) - Wikipedia, the free encyclopedia 5 Apr 2002 . New Zealand is one of the most recent countries to adopt PR. with 65 elected from electoral districts and 55 as proportional members parliament are allocated to the various parties, the Electoral Act 1993 New Zealand prescribes that Electoral Officer makes the mathematical calculations (2 to 4 days).