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- **CASTELLANO** Los mensajes en castellano son bienvenidos y serán contestados en esa misma lengua.
  - **CATALÀ** Els missatges en català son benvinguts.
  - **DANSK** Beskeder på dansk er velkomne.
  - **DEUTSCH** Die Mitteilungen auf Deutsch sind willkommen.
  - **ENGLISH** Messages in English are welcome, and they will be answered in that same language.
  - **FRANÇAIS** Les communications en français sont bienvenues, et elles seront répondues en cette même langue.
  - **GALEGO** As mensaxes en galego son benvidas.
  - **ITALIANO** I messaggi in italiano sono benvenuti.
  - **NEDERLANDS** Berichten in het Nederlands zijn welkom.
  - **NORSK** Beskjeder på norsk er velkommen.
  - **PORTUGUÊS** As comunicações em português são bem-vindas.
  - **SVENSKA** Meddelanden på svenska är välkomna.
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## PUBLICATIONS

- Marrero O, Butson AT: Modular Hadamard matrices and related designs, II. *Canad J Math* 1972; 24: 1100–1109.
- Marrero O: A property of  $(v, k, \lambda)$ -designs. *Israel J Math* 1972; 12: 277–278.
- Marrero O, Butson AT: Modular Hadamard matrices and related designs. *J Combin Theory Ser A* 1973; 15: 257–269.
- Marrero O: Pseudo  $(v, k, \lambda)$ -designs, in: *Proceedings of a Conference on Combinatorics*. Memphis, Tenn, Department of Mathematics, Memphis State University, 1973, pp 191–195.
- Marrero O: Completion and embedding between pseudo  $(v, k, \lambda)$ -designs and  $(v, k, \lambda)$ -designs. *Bull Amer Math Soc* 1974; 80: 103–105.
- Marrero O: Modular difference sets. *Aequationes Math* 1974; 11: 143–153.
- Marrero O: Modular Hadamard matrices and related designs, III. *Aequationes Math* 1975; 13: 289–297.
- Marrero O: A model for an epidemic of a contagious disease. Ithaca, NY, MAA Workshop on Modules in Applied Mathematics, Cornell University, 1976.
- Marrero O: An optimal inventory policy model. Ithaca, NY, MAA Workshop on Modules in Applied Mathematics, Cornell University, 1976.
- Marrero O: Eigenvalues of nonsingular matrices and combinatorial applications. *Rev Colombiana Mat* 1976; 10: 121–124.
- Marrero O: A survey of pseudo  $(v, k, \lambda)$ -designs. *Aequationes Math* 1977; 16: 195–220.
- Marrero O: A note on  $P$ -spaces. *Rev Mat Hisp-Amer (4)* 1979; 39: 276.
- Marrero O: A conjecture concerning the existence of certain combinatorial designs. *Rev Colombiana Mat* 1980; 14: 95–100.
- Rafferty TD, Marrero O, Nardi D, Schachter EN, Mentelos R, Hastings A, Roselli D: Relationship between transcutaneous and arterial carbon dioxide tension in adult patients anesthetized with nitrous oxide-fentanyl and nitrous oxide-enflurane. *Anesth Analg* 1981; 60: 504–507.
- Rafferty TD, Marrero O, Nardi D, Schachter EN, Mentelos R, Ngeow YF: Transcutaneous  $P_{O_2}$  as a trend indicator of arterial  $P_{O_2}$  in normal anesthetized adults. *Anesth Analg* 1982; 61: 252–255.
- Marrero O, Meigs JW, Stark AD, Quah RF: Seasonal patterns in children's blood-lead levels: A second peak in late winter. *Conn Med* 1983; 47: 1–5.

- Marrero O: An optimal inventory policy model, in Lucas WF, Roberts FS, Thrall RM (eds): *Modules in Applied Mathematics, III: Discrete and System Models*. New York, Springer-Verlag New York Inc, 1983, chap 3.
- Marrero O: The performance of several statistical tests for seasonality in monthly data. *J Statist Comput Simul* 1983; 17: 275–296.
- Marrero O: Statistical testing for seasonality in data with multiple peaks and troughs. *Biom J* 1984; 26: 591–608.
- Marrero O: Robustness of statistical tests in the two-sample location problem. *Biom J* 1985; 27: 299–316.
- Marrero O: A combinatorial application of linear algebra. *UMAP J* 1985; 6 (no 4): 37–40.
- Marrero O, Beck GJ, Schachter EN: Discriminating power of measurements from maximum expiratory flow-volume curves. *Respiration* 1986; 49: 263–273.
- Raghavarao D, Marrero O: Nonexistence of certain pseudo  $(v, k, \lambda)$ -designs. *Utilitas Math* 1986; 30: 213–217.
- Bunin GR, Kramer S, Marrero O, Meadows AT: Gestational risk factors for Wilms' tumor: Results of a case-control study. *Cancer Res* 1987; 47: 2972–2977.
- Peckham VC, Meadows AT, Bartel N, Marrero O: Educational late effects in long-term survivors of childhood acute lymphocytic leukemia. *Pediatrics* 1988; 81: 127–133.
- Marrero O: The power of a nonparametric test for seasonality. *Biom J* 1988; 30: 495–502.
- Marrero O, Raghavarao D: Overall A-optimal balanced incomplete block designs. *J Statist Plann Inference* 1989; 21: 125–127.
- Marrero O: A potential pitfall with the Newton-Raphson root-finding method. *Teaching Math Appl* 1989; 8: 45–47.
- Meadows AT, Obringer AC, Marrero O, Oberlin O, Robison L, Fossati-Bellani F, Green D, Voûte PA, Morris-Jones P, Greenberg M, Baum E, Ruymann F: Second malignant neoplasms following childhood Hodgkin's disease: Treatment and splenectomy as risk factors. *Med Pediatr Oncol* 1989; 17: 477–484.
- Marrero O: A maximum rank-sum test for one-pulse variation in monthly data. *Biom J* 1992; 34: 485–500.

- Marrero O: Multigroup analysis of seasonal variation: Assessing the homogeneity of multiple cyclically ordered multinomial distributions. *Environmetrics* 1998; 9: 151–163.
- Marrero O: Areas determined by random chords of a parabola. *Math Comput Education* 1998; 32: 136–142.
- Marrero O: Une propriété maximale de matrices binaires et inversibles dont toutes les lignes contiennent le même nombre de répétitions du chiffre un. *European J Combin* 1998; 19: 503–505.
- Marrero O: Statistical independence and model choice: An example. *Elem Math* 1999; 54: 80–85.
- Marrero O: Une caractérisation des matrices de Hadamard. *Exposition Math* 1999; 17: 283–287.
- Marrero O: L'analyse de la variation saisonnière quand l'amplitude et la taille sont faibles. *Rev Canad Statist (Canad J Statist)* 1999; 27: 875–882.
- Feeman TG, Marrero O: Lengths of successive chords of the odd extension of a power function. *Math Comput Education* 2000; 34: 19–23.
- Feeman TG, Marrero O: Sequences of chords and of parabolic segments enclosing proportional areas. *College Math J* 2000; 31: 379–382.
- Marrero O, Pasles PC: Row coincidences in nonsingular binary matrices. *European J Combin* 2001; 22: 217–224.
- Marrero O: A test statistic whose derivation is simple and unusual. *Elem Math* 2001; 56: 157–162.
- Feeman TG, Marrero O: Affine transformations, polynomials, and proportionality. *Amer Math Monthly* 2001; 108: 972–975. Correction: *Amer Math Monthly* 2003; 110: 80.
- Feeman TG, Marrero O: The right-hand derivative of an integral. *Amer Math Monthly* 2002; 109: 565–568.
- Marrero O, Pasles PC: Binary matrices. *Elem Math* 2002; 57: 158–167.
- Marrero O, Pasles PC: Coin ToGa: A coin-tossing game. *College Math J* 2003; 34: 183–193.
- Feeman TG, Marrero O: Very curious numbers indeed! *Math Gazette* 2004; 88: 98–101.
- Marrero O, Pasles PC: A strange new prime pattern. *J Recreational Math* 2004–2005; 33: 241–249.
- Feeman TG, Marrero O: Intersections of tangent lines of exponential functions. *College Math J* 2005; 36: 205–208.

- Marrero O: El análisis de la variación estacional en medicina. *Rev Mat: Teoría y Aplicaciones* 2005; 12: 1–12.
- Feeman TG, Marrero O: A geometric characterisation of the power functions. *Math Gazette* 2007; 91: 275–279.
- Marrero O, Pasles PC: Markov dons his ToGa. *Math Comput Education* 2008; 42: 28–33.
- Frey J, Marrero O: A surprising MLE for interval-censored binomial data. *Amer Statist* 2008; 62: 135–137.
- Frey J, Marrero O, Norton D: Minimum-area confidence sets for a normal distribution. *J Statist Plann Inference* 2009; 139: 1023–1032.
- Marrero O: Block designs with near-minimal number of blocks. *Elem Math* 2009; 64: 146–153.
- Feeman TG, Marrero O: Ratios of volumes related to the odd extension of a power function. *Math Gazette* 2010; 94: 479–486.
- Marrero O, Pasles PC: Pictorial moments of Coin ToGa. *Math Comput Education* 2011; 45: 179–185.
- Marrero O: One equals zero: A specious argument. *Math Gazette* 2011; 95: 554–555.

*Last modified on:* 26 August 2012