

- [HLS] L.-C. Hsia, H.-C. Li, and W.-L. Sun. Conflict-avoiding codes of prime lengths and cyclotomic numbers. preprint.
- [Höl36] O. Hölder. Zur theorie der kreisteilungsgleichung  $K_m(x) = 0$ . (German) *Prace Matematyczno-Fizyczne*, 43(1):13–23, 1936. URL: <http://eudml.org/doc/215570>
- [HSW00] G.H. Hardy, P.V. Seshu Aiyar, and B.M. Wilson, editors. *Collected papers of Srinivasa Ramanujan*. AMS Chelsea Publishing, Providence, RI, 2000. Third printing of the 1927 original. With a new preface and commentary by B.C. Berndt.
- [HW08] G.H. Hardy and E.M. Wright. *An introduction to the theory of numbers*. Oxford University Press, Oxford, sixth edition, 2008. Revised by D.R. Heath-Brown and J. Silverman. With a foreword by A. Wiles.
- [JMJ<sup>+</sup>07] M. Jimbo, M. Mishima, S. Janiszewski, A.Y. Teymorian, and V.D. Tonchev. On conflict-avoiding codes of length  $n = 4m$  for three active users. *IEEE Trans. Inform. Theory*, 53(8):2732–2742, 2007. [doi:10.1109/TIT.2007.901233](https://doi.org/10.1109/TIT.2007.901233)
- [Lev07] V.I. Levenshtein. Conflict-avoiding codes and cyclic triple systems. *Probl. Inf. Transm.*, 43(3):199–212, 2007. [doi:10.1134/S0032946007030039](https://doi.org/10.1134/S0032946007030039)
- [LMSJ14] Y. Lin, M. Mishima, J. Satoh, and M. Jimbo. Optimal equi-difference conflict-avoiding codes of odd length and weight three. *Finite Fields Appl.*, 26:49–68, 2014. [doi:10.1016/j.ffa.2013.11.001](https://doi.org/10.1016/j.ffa.2013.11.001)
- [LN97] R. Lidl and H. Niederreiter. *Finite Fields*, volume 20 of *Encyclopedia of Mathematics and its Applications*. Cambridge University Press, Cambridge, second edition, 1997. [doi:10.1017/CB09780511525926](https://doi.org/10.1017/CB09780511525926)
- [LT05] V.I. Levenshtein and V.D. Tonchev. Optimal conflict-avoiding codes for three active users. *Proc. IEEE Int. Symp. Inform. Theory*, pages 535–537, 2005. [doi:10.1109/ISIT.2005.1523392](https://doi.org/10.1109/ISIT.2005.1523392)
- [Mat90] P. Mathys. A class of codes for a  $t$  active users out of  $n$  multiple-access communication system. *IEEE Trans. Inform. Theory*, 36(6):1206–1219, 1990. [doi:10.1109/18.59923](https://doi.org/10.1109/18.59923)
- [MFU09] M. Mishima, H.-L. Fu, and S. Uruno. Optimal conflict-avoiding codes of length  $n \equiv 0 \pmod{16}$  and weight 3. *Des. Codes Cryptogr.*, 52(3):275–291, 2009. [doi:10.1007/s10623-009-9282-2](https://doi.org/10.1007/s10623-009-9282-2)
- [MM17] M. Mishima and K. Momihara. A new series of optimal tight conflict-avoiding codes of weight 3. *Discrete Math.*, 340(4):617–629, 2017. [doi:10.1016/j.disc.2016.12.003](https://doi.org/10.1016/j.disc.2016.12.003)
- [Mol52] R. Moller. Sums of power of numbers having a given exponent modulo a prime. *Amer. Math. Monthly*, 59(4):226–230, 1952. With additional remarks by H.S. Zuckerman. [doi:10.1080/00029890.1952.11988111](https://doi.org/10.1080/00029890.1952.11988111)
- [Mom07] K. Momihara. Necessary and sufficient conditions for tight equi-difference conflict-avoiding codes of weight three. *Des. Codes Cryptogr.*, 45(3):379–390, 2007. [doi:10.1007/s10623-007-9139-5](https://doi.org/10.1007/s10623-007-9139-5)
- [Mur91] L. Murata. A problem analogous to Artin’s conjecture for primitive roots and its applications. *Arch. Math.*, 57(6):555–565, 1991. [doi:10.1007/BF01199060](https://doi.org/10.1007/BF01199060)
- [MZS14] W. Ma, C. Zhao, and D. Shen. New optimal constructions of conflict-avoiding codes of odd length and weight 3. *Des. Codes Cryptogr.*, 73(3):791–804, 2014. [doi:10.1007/s10623-013-9827-2](https://doi.org/10.1007/s10623-013-9827-2)
- [NGM92] Q.A. Nguyen, L. Györfi, and J.L. Massey. Constructions of binary constant-weight cyclic codes and cyclically permutable codes. *IEEE Trans. Inform. Theory*, 38(3):940–949, 1992. [doi:10.1109/18.135636](https://doi.org/10.1109/18.135636)
- [Ram18] S. Ramanujan. On certain trigonometrical sums and their applications in the theory of numbers. *Trans. Cambridge Philos. Soc.*, 22(13):259–276, 1918.