List of Publications
by Vladimir D. Tonchev

* Books: [148], [149], [150], [172].

** Book Chapters: [57], [100], [106].

*** Volumes edited: [15], [33], [83], [108].


4. C. Ding, H. Liu, and V. D. Tonchev, All binary linear codes that are invariant under $\text{PSL}_2(n)$, *IEEE Transactions on Information Theory*, **64** (2018), 5769-5775.


42. D. Jungnickel and V.D. Tonchev, Polarities, quasi-symmetric designs, and Hamada’s conjecture, *Designs, Codes and Cryptography*, **51** (2009), 131-140.


72. V.D. Tonchev, A formula for the number of Steiner quadruple systems on $2^n$ points of 2-rank $2^n - n$, Journal of Combinatorial Designs, **11** (2003), 260-274.


89. C. Lam and V. D. Tonchev, Corrigendum to “Classification of affine resolvable 2-(27,9,4) designs”, J. Statistical Planning and Inference 86 (2000) 277-278.


94. V. D. Tonchev, Linear perfect codes and a characterization of the classical designs, Designs, Codes and Cryptography 17 (1999), 121-128.


143. V. D. Tonchev, Some new classes of codes admitting majority decoding, Mathematics and Mathematical Education (1990), 334-337.


155. V. D. Tonchev, Embedding of the Witt-Mathieu system S(3,6,22) in a symmetric 2-
(78,22,6) design, Geometriae Dedicata 22 (1987) 49-75.


159. S. Kapralov, I. Landgev, and V. D. Tonchev, Quasi-residual 2-(25,10,6) designs invari-


161. V. D. Tonchev, Quasi-symmetric 2-(31,7,7) designs and a revision of Hamada’s conjec-


187. V. D. Tonchev, Embeddability of 2-(9,6,10) designs without repeated blocks, Mathematics and Education in Mathematics (1982) 300-306. (in Bulgarian).


193. V. D. Tonchev, On the mutual embeddability of (2k,k,k-1) and (2k-1,k,k) designs, J. Combin. Theory, A 29 (1980) 329-335.


197. V. D. Tonchev, Permutation groups and block designs, Mathematics and Education in Math., (1979) 552-564. (in Bulgarian).


