

Some very very long text text Some very very long text text Some very very long text text
Some very very long text text Some very very long text text Some very very long text text Some
very very long text text Some very very long text text Some very very long text text Some very
very long text text Some very very long text text Some very very long text text Some very very
long text text Some very very long text text

⇒ Assume that:

- first
- second

Some very very long text text Some very very long text text Some very very long text text
Some very very long text text Some very very long text text Some very very long text text Some
very very long text text Some very very long text text Some very very long text text Some very
very long text text Some very very long text text Some very very long text text Some very very
long text text Some very very long text text

Bibliography

- [1] Allan L. Edmonds, Ravi S. Kulkarni, and Robert E. Stong. “Realizability of branched coverings of surfaces”. In: *Trans. Amer. Math. Soc.* 282.2 (1984), pp. 773–790.
- [2] Alexandre Grothendieck. “Esquisse d’un programme”. In: *Geometric Galois actions, 1*. Vol. 242. London Math. Soc. Lecture Note Ser. With an English translation on pp. 243–283. Cambridge Univ. Press, Cambridge, 1997, pp. 5–48.
- [3] A. Hurwitz. “Über Riemann’sche Flächen mit gegebenen Verzweigungspunkten”. In: *Math. Ann.* 39.1 (1891), pp. 1–60.
- [4] Jin Ho Kwak and Alexander Mednykh. “Enumerating branched coverings over surfaces with boundaries”. In: *European J. Combin.* 25.1 (2004), pp. 23–34.
- [5] W. S. Massey. “Finite covering spaces of 2-manifolds with boundary”. In: *Duke Math. J.* 41 (1974), pp. 875–887.
- [6] Stefano Monni, Jun S. Song, and Yun S. Song. “The Hurwitz enumeration problem of branched covers and Hodge integrals”. In: *J. Geom. Phys.* 50.1-4 (2004), pp. 223–256.
- [7] James R. Munkres. *Topology*. Second edition. Prentice Hall, Inc., Upper Saddle River, NJ, 2000, pp. xvi+537.
- [8] F. Pakovich. “Solution of the Hurwitz problem for Laurent polynomials”. In: *J. Knot Theory Ramifications* 18.2 (2009), pp. 271–302.
- [9] Ekaterina Pervova and Carlo Petronio. “On the existence of branched coverings between surfaces with prescribed branch data. II”. In: *J. Knot Theory Ramifications* 17.7 (2008), pp. 787–816.
- [10] Ekaterina Pervova and Carlo Petronio. “Realizability and exceptionality of candidate surface branched covers: methods and results”. In: *Geometry Seminars. 2005–2009 (Italian)*. Univ. Stud. Bologna, Bologna, 2010, pp. 105–120.
- [11] Carlo Petronio. “Explicit computation of some families of Hurwitz numbers”. In: *European J. Combin.* 75 (2019), pp. 136–151.
- [12] Carlo Petronio. “Explicit computation of some families of Hurwitz numbers, II”. In: *Adv. Geom.* 20.4 (2020), pp. 483–498.
- [13] Carlo Petronio. “Realizations of certain odd-degree surface branch data”. In: *Rend. Istit. Mat. Univ. Trieste* 52 (2020), pp. 355–379.
- [14] Carlo Petronio and Filippo Sarti. “Counting surface branched covers”. In: *Studia Sci. Math. Hungar.* 56.3 (2019), pp. 309–322.
- [15] Bruce E. Sagan. *The symmetric group*. Second. Vol. 203. Graduate Texts in Mathematics. Representations, combinatorial algorithms, and symmetric functions. Springer-Verlag, New York, 2001, pp. xvi+238.

- [16] Tamás Szamuely. *Galois groups and fundamental groups*. Vol. 117. Cambridge Studies in Advanced Mathematics. Cambridge University Press, Cambridge, 2009, pp. x+270.
- [17] Hao Zheng. “Realizability of branched coverings of S^2 ”. In: *Topology Appl.* 153.12 (2006), pp. 2124–2134.