

Additional References

1. I.I. Bouw and S. Wewers, *Indigenous bundles with nilpotent p -curvature*, IMRN 2006 (2006), 1-37.
2. I.V. Čerednik, *Towers of algebraic curves uniformized by discrete subgroups of $PGL_2(k_w) \times E$* , Math.USSR Sbornik, Vol 28 (1976) No 2; 187-215.
3. I.V. Čerednik, *Uniformization of algebraic curves by discrete arithmetic subgroups of $PGL_2(k_w)$ with compact quotients*, Math.USSR Sbornik, Vol 29 (1976) No 1; 55-78.
4. L. Clozel, M. Harris and R. Taylor, *Automorphy for some ℓ -adic lifts of automorphic mod ℓ Galois representations*, Preprint 2005 (cf. Revised Version 2008).
5. F. Diamond and R. Taylor, *Non-optimal levels of mod ℓ modular representations*, Invent. math. 115 (1994), 435-462.
6. H. Darmon, *Integration on $\mathcal{H}_p \times \mathcal{H}$ and arithmetic applications*, Ann. of Math. 154 (2001), 589-639.
7. V.G. Drinfeld, *Langlands conjecture for $GL(2)$ over function fields*, Proc. International Congress of Mathematicians, Helsinki (1978), 565-574.
8. V.G. Drinfeld and S.G. Vladut, *On the number of points of algebraic curves*, Functional Analysis 17 (1983), 68-69 (in Russian).
9. G. Frey, E. Kani and H. Völklein, *Curves with infinite K -rational geometric fundamental group*, In: Aspects of Galois Theory. H. Völklein et al., eds., London Math. Soc. Lecture Note Ser. 256, 85-118 (1999).
10. Y. Furukawa, *On the liftings of the Frobenius correspondences of algebraic curves of genus two over finite field*, J.Algebra 83 (1983), 442-460.
11. Y. Ihara, *On congruence monodromy problems*; (a Russian translation of Volume 1); Matematika 14-3(1970),40-98; 14-4(1970),48-77; 14-5(1970),62-101.
12. Y. Ihara, *An invariant multiple differential attached to the field of elliptic modular functions of characteristic p* , Amer. J. Math. XCIII (1971), 139-147.
13. Y. Ihara, *Non-abelian classfields over function fields in special cases*, Actes du congrès international des mathématiciens, Tome 1, Nice, (1970), 381-389.
14. Y. Ihara, *On $(\infty \times p)$ -adic coverings of curves*, Proc. Internat. Conf. on Number theory, Moscow, Sept. 1971; Trudy Math. Inst. Steklov 132 (1973), 118-131.
15. Y. Ihara, *On modular curves over finite fields*, Papers presented at the Internat. Colloquium on Discrete Subgroups and applications to the problem of Moduli; Bombay, Jan. 1973; Tata Inst. Fund. Studies, Oxford Univ. Press; 161-202.
16. Y. Ihara, *Schwarzian equations*, J. Fac. Sci. Univ. of Tokyo IA 21 (1974), 97-118.
17. Y. Ihara, *On the differentials associated to congruence relations and the Schwarzian equations defining uniformizations*, J. Fac. Sci. Univ. of Tokyo IA 21 (1974), 309-332.
18. Y. Ihara and H. Miki, *Criteria related to potential unramifiedness and reduction of unramified coverings of curves*, J. Fac. Sci. Univ. of Tokyo IA 22 (1974), 237-254.
19. Y. Ihara, *On the Frobenius correspondences of algebraic curves*, Proc. Internat. Symp. on Alg. Number Theory, Kyoto (1976); 67-98, Japan Soc. of Promotion of Science.
20. Y. Ihara, *Congruence relations and Shimura curves*, Proc. Symp. in pure Math. 33 (Part 2), Amer. Math. Soc. (1979), 291-311.
21. Y. Ihara, *Congruence relations and Shimura curves II*, J. Fac. Sci. Univ. Tokyo IA 25 (1979), 301-361.
22. Y. Ihara, *Congruence relations and fundamental groups*, J. Algebra 75 (1982), 445-451.