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CORRECTION TO "ON THE MONODROMY GROUPS ATTACHED TO CERTAIN FAMILIES OF EXPONENTIAL SUMS"

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In the proof of Proposition 1 on p. 42 of [1], replace lines -15 to -11 on that page (beginning "Consider the d-dimensional...") by the following text.

Therefore $d\tau|K \simeq (\rho|K) \otimes \chi$. Taking determinants, we see that the character $\alpha := \det(\rho)/\det(d\tau_2)$ of π_1 has $\alpha|K = \chi^{-\deg(\rho)}$. Again by the vanishing of H^2, any $\overline{\mathbf{Q}}_\ell^\times$-valued character of π_1 has a $\deg(\rho)$'th root. Twisting τ_2 by a $\deg(\rho)$'th root of α, we obtain a representation τ of π_1, whose restriction to K differs from τ_0 by a character of order $\deg(\rho)$. Shrinking...

References

[1] N. Katz, *On the monodromy groups attached to certain families of exponential sums,* Duke Math. J. **54** (1987), 41–56.

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