Errata for "Representations of finite Chevalley groups" by G.Lusztig

p. v, line -9 replace "Reginal" by "Regional"

p.5 in the last two displayed formulas (line -2,-4) replace F^n by $F^n g^{-1}$.

p.18 line 11: replace $F^2 = -q$ by $F^2 = q$.

p.18 lines 13,14: delete "(or we may compute directly the eigenvalues of F^2 in terms of Jacobi sums)"

p.18,line 15: replace $F^2 = -q$ by $F^2 = q$.

p.18,line 16: replace $-q$ by q.

p.18,lines 17,18,19,20,21: replace by:

If $x \in \mathcal{H}'_\epsilon, y \in \mathcal{H}''_\epsilon$ we have $q(x,y) = (Fx, Fy) = (\lambda' x, \lambda'' y) = \lambda'\lambda''(x,y) = -q(x,y)$ hence $(x,y) = 0$. Using Grothendieck's trace formula it is easy to see that $Tr(F^*, \mathcal{H}_\epsilon) = 0$, that is $\lambda' \dim \mathcal{H}'_\epsilon + \lambda'' \dim \mathcal{H}''_\epsilon = 0$. It follows that $\dim \mathcal{H}'_\epsilon = \dim \mathcal{H}''_\epsilon = \dim \mathcal{H}_\epsilon/2 = (q-1)/2$.

p.18,line -8: replace $-q$ by q.

p.18,line -7: replace "are dual to each other" by "carry invariant non-degenerate symplectic forms".

p.25,line 10 replace $i \neq 1$ by $i \neq 1, 2$.

p.47, Ref.6: the author is C.T.Benson and C.W.Curtis

p.47, Ref 13: the year should be 1955

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