

Errata to Perverse Sheaves and Applications in Representation Theory

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Thanks to Andrea Bourque, Joseph Dorta, Aneek Maiti, and Vishnu Sivaprasad for various corrections.

page 75 line -10 The definition of $\mathbb{k}(-1)$ is incorrect. It should say

$$\mathbb{k}(-1) = \mathbf{H}_c^2(\mathbb{A}^1; \mathbb{k}).$$

page 76 line 13 Change $\underline{\mathbb{k}}(-n)$ to $\mathbb{k}(-n)$.

page 76 line -8 Change $\underline{\mathbb{k}}(-1)$ to $\mathbb{k}(-1)$.

page 263 line 10 Insert “of.” It should read: “. . . for an example **of** an algebraic group action that. . .”

page 373 line 19 The domain and codomain of the parabolic (co)restriction functors should be swapped. It should read:

$$\mathrm{res}_{LCP}^G, \backslash \mathrm{res}_{LCP}^G : D_G^b(\mathcal{A}_G, \mathbb{k}) \rightarrow D_L^b(\mathcal{A}_L, \mathbb{k})$$

page 377 line 23 The notation for the attracting and repelling sets is incorrect. It should read:

$$\mathcal{A}_G^+ = \mathcal{A}_L + \mathfrak{u}_P, \quad \mathcal{A}_G^- = \mathcal{A}_L + \mathfrak{u}_{\bar{P}}.$$

page 392 line -3 The dimension formula should read: $\dim_C(L/L') = \nu(L') - \nu(L)$.

page 397 line -4 The formula should read

$$\dim \frac{L \cap t^i L'}{t^N L'} = \sum_{j=i}^{N-1} |\{k \mid \lambda_k \leq j\}|.$$