

Corrections to ‘Algorithms for D -modules — restriction, tensor product, localization,
and local cohomology groups’

- p. 274, line 16: replace $(\lambda, \tilde{\alpha}, i) \prec (\lambda', \tilde{\alpha}', j)$ by $(\tilde{\alpha}, i) \prec (\tilde{\alpha}', j)$.
- p. 294, line 9: replace

$$\mathrm{gr}_Y^0(\mathcal{D}_X) = \mathcal{D}_Y[t_1\partial_{t_1}, \dots, t_d\partial_{t_d}], \quad \mathrm{gr}_Y^0(\mathcal{D}_X^{\mathrm{an}}) = \mathcal{D}_Y^{\mathrm{an}}[t_1\partial_{t_1}, \dots, t_d\partial_{t_d}]$$

by

$$\mathrm{gr}_Y^0(\mathcal{D}_X) = \mathcal{D}_Y[t_i\partial_{t_j} \mid 1 \leq i, j \leq d], \quad \mathrm{gr}_Y^0(\mathcal{D}_X^{\mathrm{an}}) = \mathcal{D}_Y^{\mathrm{an}}[t_i\partial_{t_j} \mid 1 \leq i, j \leq d].$$

- p. 302, line 12: replace $V_{ij} \in (D_n)^s$ by $V_{ij} \in (D_n^{(h)})^s$.
- p. 304, line 16: replace $\psi_2 : D_n^{r_1} \rightarrow D_n^{r_2}$ by $\psi_2 : D_n^{r_2} \rightarrow D_n^{r_1}$.