Corrections for

Fractional calculus of Weyl algebra and Fuchsian differential equations

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p.7 $\ell.-3$ $\left\{\begin{matrix} x=0 & 1 & \infty & \\ \lambda_{0,1} & \lambda_{1,1} & \lambda_{2,1} & ; x \\ \lambda_{0,2} & \lambda_{1,2} & \lambda_{2,2} & \end{matrix}\right\} \to \left\{\begin{matrix} x=0 & 1 & \infty & \\ \lambda_{1,1} & \lambda_{2,1} & \lambda_{0,1} & ; x \\ \lambda_{1,2} & \lambda_{2,2} & \lambda_{0,2} & \end{matrix}\right\}$

p.24 $\ell.-8$ $e^{-xs-\frac{t^2}{2}} \to e^{-xs-\frac{s^2}{2}}$

p.32 (4.9) $p_j(s) \to p_\ell(s)$

p.40 $\ell.-12$ $\operatorname{idx}\mathbf{m} > 2 \to \operatorname{idx}\mathbf{m} < 2$

p.70 $\ell.-4$ Proposition 2.22 $\to$ Proposition 7.1

p.77 (7.42) $-d(\mathbf{m}) \to +d(\mathbf{m})$

p.77 (7.43) min $\to$ max

p.82 $\ell.-12$ $\ell(k)_\nu \to \ell(k)_j$

p.89 $\ell.24$ such $\to$ such that

p.109 $\ell.14$ $W(x)\otimes\mathbb{C}[\lambda_{j,\nu}] \to W(x,\lambda_{j,\nu})$

p.109 $\ell.-13$ never $\cdots$ of λ $\to$ is a $W(x)$-valued holomorphic function of λ which never vanishes excluding a subset with complex codimension ≥ 2

p.111 $\ell.-9$ are give $\to$ are given

p.121 $\ell.7$ $\prod_{j=1}^{p-1} \to \prod_{j=2}^{p-1}$

p.123 $\ell.7$ $=1 \to (1-\frac{1}{c_j})^{\lambda(K)_{j,\ell(K)_j}}$

p.124 (12.18) $\lambda'_m \to \lambda_{\mathbf{m}'}$

p.124 (12.19) $(1-c_j) \to (1-\frac{1}{c_j})$

p.127 (12.32) $u = \to u' =$

p.139 **13.1**

Pidx	0	1	2	3	4	5	6	7	8	9	10	11
# fund. tuples	1	4	13	37	69	113	198	291	415	647	884	1186
# basic tuples	0	4	13	37	69	100	198	291	415	610	871	1186
# basic triplets	0	3	9	25	46	64	127	182	249	370	513	680
# basic 4-tuples	0	1	3	9	17	26	50	76	115	163	240	345
maximal order	1	6	12	18	24	30	36	42	48	54	60	66

p.141 **13.1.3** 36 basic tuples $\to$ 37 basic tuples

Add $8:2222,332,332$

p.141 **13.1.4** 67 basic tuples $\to$ 69 basic tuples

Add $8:22211,332,332$ $8:2222,3311,332$

See spect10.pdf for fundamental spetral types with rigidity index ≥ -10

p.146 $\ell.30$ §13.9.13 $\to$ §13.9.14

p.151 $\ell.-9$ $\ldots,n-1),\quad \mu_{n-1} = \to \ldots,n-2),\quad \mu_{n-1} =$

p.156 $\ell.13$ $-\int_c^s \to -\int_0^s$

p.170 $\ell.-8$ $\times 1^4\cdot 2^3 \to \times 1^2\cdot 2^3$

p.187 $\ell.-8$ $(x-t)^{\lambda-1}, \to (x-t)^{\lambda-1}dt,$

p.191 $\ell.16$ $(1-x^{\lambda_2-1}) \to (1-x)^{\lambda_2-1}$

p.191 $\ell.-3$ $\Gamma(\lambda'_1+\lambda'_2+m) \to \Gamma(\lambda'_1+\lambda'_2+n)$