Corrections for

Fractional calculus of Weyl algebra and Fuchsian differential equations

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p.7 ℓ.−3 $\begin{Bmatrix} x=0 & 1 & \infty & \\ \lambda_{0,1} & \lambda_{1,1} & \lambda_{2,1} & ;\, x \\ \lambda_{0,2} & \lambda_{1,2} & \lambda_{2,2} & \end{Bmatrix} \to \begin{Bmatrix} x=0 & 1 & \infty & \\ \lambda_{1,1} & \lambda_{2,1} & \lambda_{0,1} & ;\, x \\ \lambda_{1,2} & \lambda_{2,2} & \lambda_{0,2} & \end{Bmatrix}$

p.24 ℓ.−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 ℓ.−12 idx $\mathbf{m} > 2 \to$ idx $\mathbf{m} < 2$

p.70 ℓ.−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 ℓ.−12 $\ell(k)_\nu \to \ell(k)_j$

p.89 ℓ.24 such $\to$ such that

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

p.109 ℓ.−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 ℓ.−9 are give $\to$ are given

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

p.123 ℓ.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	112	198	291	415	647	884	1186
# basic tuples	0	4	13	37	69	99	198	291	415	610	871	1186
# basic triplets	0	3	9	25	46	63	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.151 ℓ.−9 $\ldots, n-1),\ \ \mu_{n-1} = \to \ldots, n-2),\ \ \mu_{n-1} =$

p.156 ℓ.13 $-\int_c^s \to -\int_0^s$

p.170 ℓ.−8 $\times 1^4 \cdot 2^3 \to \times 1^2 \cdot 2^3$

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

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

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