

Corrections to “A. Polyakov, Generalized Homogeneity in Systems and Control, 2nd Edition, Springer, 2025”

Date: 28.10.2025

Volume I

- page 42, line 9 from below: $0 < |x(t, x_0)| < +\infty$ for all $t \in [t_0, t_1]$.
- Page 99, Line 8 from above: $\|x(t, x_0)\| \leq R$ replace with $\|x_0\| \leq R$
- Page 99, Line 20 from above: $\|x(t, x_0)\| \leq R$ replace with $\|x_0\| \leq R$
- Page 100, Line 3 from below: $x(t, t_0, x)$ replace with $x(t, t_0, x_0)$
- Page 149, Definition 4.6: “if said...” replace with “is said...”
- Page 175, Formula (5.19): for $x \neq \mathbf{0}$
- Page 192, line 3 from below: ≈ 4.25414017
- Page 430, line 10 from below: $\hat{\mathbf{d}}(s) = e^{s(I_n - G_0)}$
- page 458, last line: replace “of” with “and”

Volume II

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Please do let me know by e-mail: andrey.polyakov@inria.fr if you have found any other error in the monograph