# Misprints and inexactnesses in the translated book of A.Ju. Ol'shanskii "Geometry of defining relations in groups", Kluwer, 1991

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**1.** Page 34, at the end.
Missed:
... of $C_1XC_2$ and $D_1YD_2$, then the decompositions $(C_1X_1)(X_2C_2)$ and $(D_1Y_1)(Y_2D_2)$ are also $A$-compatible.[1]

**2.** End of the page 35 and the beginning of the page 36.
3 lines are doubled.

**3.** Page 36, line 6 from above.

There must be $\left(1-2(\frac{3}{2})^{-6}\right)^{-1}$

**4.** Page 71, line 12 from above.

... only finitely many of products $ib^{-1}kb$ have **even** order.

**5.** Page 71, line 17 from above.

Since $s$ is of **odd** order, ...

**6.** Page 144, line 8 from above.

in $\Gamma$

**7.** Page 144, line 3 from below.

$p_1$ and $p_2$ should be replaced by $\partial\Pi_1$ and $\partial\Pi_2$.

**8.** Page 145, line 7 from above.

in brackets: ... extremal points of $p_i'$ coincide with extremal points of $p_i$, ...

[1] We should keep in mind that in the definition of $A$-compatible decompositions of $X$ and $Y$ (see page 34, line 11 from above), it is **always** assumed that $|X|, |Y| \geqslant |A|$. Only in this case the above statement is valid.

**9.** Page 145, line 15 from above.

$o_1$ should be replaced by $o_2$.

**10.** Page 145, line 17 from above.

$o'$ and $o$ should be replaced by $o_1$ and $o_2$.

**11.** Page 159, lines 7-8 from above.

*complete system* if for every $\mathcal{R}$-cell $\Pi$ of $\Delta$ either $\Pi$ is contained in a submap ...

**12.** Page 168, line 3 from above.

...(and $\Pi$ does not occur ...)

**13.** Page 168, line 1 from below in brackets

Must be $P \leqslant \min(\zeta nr(q^1), \zeta nr(q^2))$.

**14.** Page 170, line 4 from below.

... $|q_1| < (1 + 2\beta)|q_2|$

**15.** Page 171, line 11 from above.

... $|\partial\pi| < \zeta|\partial\Pi|$

**16.** Page 172, line 4 from below.

... is less than $\overline{\alpha}$, ...

**17.** Page 182, line 4 from below.

$\beta \rightsquigarrow \overline{\beta}$

**18.** Page 182, line 3 from below.

$\psi \rightsquigarrow \psi_2$

**19.** Page 182, line 1 from below.

$\beta \rightsquigarrow \overline{\beta}$

**20.** Page 185, line 10 from below.

Must be $(\prod, \Gamma_1, q_1) + (\prod, \Gamma_2, q_2) > \bar{\beta}$

**21.** Page 185, line 9 from below.

Must be "between $q_1$ and $q_1$, and between $q_2$ and $q_2$".

**22.** Page 186, line 5 from above.

Add space after comma.

**23.** Page 187, line 1 from above.
Must be $|ut^2|$.

**24.** Page 187, line 5 from below.
Must be "from Lemma 15.4".

**25.** Page 188, line 7 from above.
$\bar{\bar{q}}_1$.

**26.** Page 192, line 5 from above.
Must be "Applying Lemma 17.3".

**27.** Page 199, line 8 from above.
Must be "$l = \pm 1$".

**28.** Page 271.
In Condition R1 must be $|n_k| \geqslant n$.

**29.** Page 273, line 3 from below
"finite period" $\rightsquigarrow$ "finite order"