# CORRECTIONS TO "JUNCTION OF NONCOMPOSITE POLYHEDRA" 

A. V. TIMOFEENKO

The proof of the theorem on composite polyhedra, as presented in the paper [1], turned out to be incomplete. Namely, compositions along the newly formed faces were not considered. For this reason, the list in the theorem does not contain two 4-composite polyhedra $P_{4,30}$ and $P_{4,31}$, which cannot be obtained by composing a 3 -composite body and a noncomposite polyhedron. However, each of the two polyhedra $P_{4,30}$ and $P_{4,31}$ is a composition of two 2-composite polyhedra $\mathrm{P}_{2,22}$. This flaw, along with some misprints, require the corrections listed below.

| Page | Line | Printed | Should be corrected to |
| :---: | :---: | :---: | :---: |
| 484 | 12 from bottom | 149 composite polyhedra | 151 composite polyhedra |
| 502 | 8 from bottom | classification of noncomposite regular-hedra | classification of composite regular-hedra |
| 503 | 16 from top | $\mathrm{P}_{3,55}+\mathrm{M}_{6}$; | $\begin{aligned} & \frac{\mathrm{P}_{3,55}+\mathrm{M}_{6}, \overline{\mathrm{P}_{2,22}+\mathrm{P}_{2,22}},}{\mathrm{P}_{2,22}+\mathrm{P}_{2,22}^{\prime}} ; \end{aligned}$ |
| 504 | Table 3, last column, $k=15-20,22$ | $\begin{aligned} & 5 \\ & 4,6 \\ & 8 \\ & 10 \\ & 3,5 \\ & 5 \\ & 4 \end{aligned}$ | $\begin{aligned} & \hline 4 \\ & 5 \\ & 6 \\ & 8 \\ & 10 \\ & 5,10 \\ & 4,3+3 \\ & \hline \end{aligned}$ |
| 509 | line 2 of <br> Subsection 3.3 | Table 2, | Table 2, and composing the polyhedron $P_{2,22}$ with itself along rhombic faces, |
| 509-510 | Table 4, last column, $k=21,22,30$ | 5, 5 | 5 |
| 510 | 1 from bottom | $\begin{aligned} & P_{4,29} \\ & =M_{6}+M_{13}^{\prime}+M_{6}+M_{6} \\ & =J_{75} \end{aligned}$ | $\begin{aligned} & P_{4,29} \\ & =M_{6}+M_{13}^{\prime}+M_{6}+M_{6} \\ & =J_{75}, \\ & P_{4,30}=\overline{M_{1}+M_{2}+P_{2,22}}, \\ & P_{4,31}=\overline{M_{1}+M_{2}+P_{2,22}^{\prime}} . \end{aligned}$ |
| 512 | 3 from top | 68 | 70 |
| 512 | 7 from top | 166 | 168 |

## References

[1] A. V. Timofeenko, Junction of noncomposite polyhedra, St. Petersburg Math. J. 21 (2010), no 3, 483-512. MR 2588767 (2010m:52030)

Institute of Computational Modelling, Siberian Branch, Russian Academy of Sciences (Formerly Computing Center, Siberian Branch, Russian Academy of Sciences), Krasnoyarsk 660036, RussiA

