

Erratum: a little emendation to the graceful labelling
of the Generalised Petersen Graph $P_{8t,3}$ when $t = 5$

Andrea Vietri*
Università La Sapienza, Roma

Abstract

The proof of gracefulness for the Generalised Petersen Graph $P_{8t,3}$ for every $t \geq 1$, written by the same author (*Graceful labellings for an infinite class of generalised Petersen graphs*, *Ars Combinatoria* **81** (2006), pp. 247-255), requires the change of just one label, for the only case $t = 5$.

As it generally happens when constructing graceful labellings for a family of graphs depending on parameters, the cases involving “small” graphs are solved using an ad hoc construction, due to the lack of room and to the consequent equality of labels which in the general case do not coincide. While in the relevant paper we provided an ad hoc labelling for the cases $t = 1, 2, 3$, only recently we found out that even the case $t = 5$ required a little adjustment. In details, the labelling $\lfloor \lfloor 6t + 14 \rfloor \rfloor \rightarrow 18t - 27$ (working well for every odd t larger than 5) actually should be changed to $\lfloor \lfloor 44 \rfloor \rfloor \rightarrow 33$.

*Dipartimento Me.Mo.Mat., via A. Scarpa 16, 00161 Rome, Italy.
<http://www.dmmm.uniroma1.it/persona/vietri/> vietri@dmmm.uniroma1.it