

Revision notes on ‘**Hamilton saturated hypergraphs of essentially minimum size**’

by A. Ruciński and A. Żak

We thank the reviewer for carefully reading our manuscript and for giving detailed comments and suggestions that have been helpful to improve the manuscript. We have made the changes suggested by the reviewer in items 1,4,5,6,7,8,9,10,11 and 12 of his/her report.

Item 2: We have replaced  $n^{k-\ell}$  by  $\binom{k}{\ell}\binom{n-k}{k-\ell}$ . Since the latter expression is equal to  $\Theta(n^{k-\ell})$ , this change does not affect the result.

In item 3 the referee asks about the case when  $A'$  and  $A''$  have nonempty intersection. However, in such case we have that  $e \subseteq U_i$  which leads to a contradiction with the choice of  $e$ . This is explained in the proof, see page 7 line -11,-12 and -13.

Item 13: the bound  $a_i \geq 2k - \ell + 1$  is used in Part 2 only (not in Fact 4.3 as was written previously, although together with Fact 4.3 it implies that  $|U_x \setminus V(P)| \geq k - 1$  which is essential but only for part 2 of the constructed  $\ell$ -cycle). The bound is not used in any other place. This is now explained on Page 15 in the final paragraph of Section 4 (see also two lines around equation (10)).