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Correction to the paper “On compressed ideals in topological semigroups”

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CORRECTION TO THE PAPER  
ON COMPRESSED IDEALS IN TOPOLOGICAL SEMIGROUPS<sup>1)</sup>

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In page 263 remarks 1 and 2 are to be superseded by the following:

Remark 1. Let  $S = \{0, e_1, e_2, a, b\}$  with the multiplication table

$\cdot$	0	$e_1$	$e_2$	$a$	$b$
0	0	0	0	0	0
$e_1$	0	0	$e_1$	$a$	$a$
$e_2$	0	0	$e_2$	0	$b$
$a$	0	$e_1$	$e_1$	$a$	$a$
$b$	0	$e_2$	$e_2$	$b$	$b$

The set  $B = \{0, e_1, e_2\}$  is a left ideal of  $S$  and is clearly completely semi-prime. However,  $e_1^2 b^2 = 0 \in B$ , but  $e_1 b = a_2 \notin B$ . So  $B$  is not compressed.

Remark 2. The subsets  $\{0, e_1, a\}$  and  $\{0, e_1, b\}$  are compressed subsets of  $S$ , and neither one is an ideal of  $S$ .

In page 267, line 13 from the bottom, should read as follows: Thus  $K(y) = e_a \Gamma(y) \subset B$ , where  $K(y) = \bigcap_{n=1}^{\infty} \overline{\{y^i \mid i \geq n\}}$ , which is a subgroup of  $\Gamma(y)$  if  $\Gamma(y)$  is compact.

<sup>1)</sup> Czech. Math. J. 25 (100), (1975), 261–273.