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Correction to the paper "On compressed ideals in topological semigroups"

CORRECTION TO THE PAPER
ON COMPRESSED IDEALS IN TOPOLOGICAL SEMIGROUPS[1])

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In page 263 remarks 1 and 2 are to be superseded by the following: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 cleary 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 $K(y) =$
$= e_\alpha \Gamma(y) \subset B$, 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.

[1]) Czech. Math. J. 25 (100), (1975), 261−273.