





# Document details - One point compactification of generalized topological spaces

1 of 1

[Export](#) [Download](#) [More... >](#)

Afrika Matematika

Volume 30, Issue 1-2, 4 March 2019, Pages 345-353

## One point compactification of generalized topological spaces(Article) ([Open Access](#))

Chinnaraman, G., Ramachandran, M.J.

<sup>a</sup>Department of Mathematics, V. H. N. S. N. College (Autonomous), Virudhunagar, 626 001, India<sup>b</sup>Department of Mathematics, Madurai Kamaraj University Constituent College, Sattur, 626 203, India

### Abstract

The notions of a  $s-T_1$  space, an almost generalized Hausdorff space, and a  $\mu$ -locally compact space in the context of generalized topological spaces are introduced. Properties in relation to these spaces are established. Finally, a version of one point compactification of a  $s-T_1$  space is obtained. © 2019, African Mathematical Union and Springer-Verlag GmbH Deutschland, ein Teil von Springer Nature.

### Author keywords

[Generalized topological spaces](#) [One point compactification](#)  [\$\mu\$ -compact](#)  [\$\mu\$ -locally compact](#)  [\$\mu\$ -separation](#)

ISSN: 10129405

Source Type: Journal

Original language: English

DOI: 10.1007/s13370-019-00652-9

Document Type: Article

Publisher: Springer Verlag

### Cited by 1 document

Al Ghour, S., Alhorani, A.

On certain covering properties and minimal sets of bigeneralized topological spaces

*(2020) Symmetry*[View details of this citation](#)

Inform me when this document is cited in Scopus:

[Set citation alert >](#)[Set citation feed >](#)

### Related documents

Find more related documents in Scopus based on:

[Authors >](#) [Keywords >](#)

### SciVal Topic Prominence

Topic:

Prominence percentile:

Chinnaraman, G.; Department of Mathematics, V. H. N. S. N. College (Autonomous), Virudhunagar, India;

© Copyright 2019 Elsevier B.V., All rights reserved.

