# INCLUSION BETWEEN GENERALIZED STUMMEL CLASSES AND OTHER FUNCTION SPACES

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**Submission date:** 31-May-2023 12:10AM (UTC+0700)

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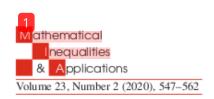
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### Inclusion between generalized Stummel classes and other function spaces

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#### INCLUSION BETWEEN GENERALIZED STUMMEL CLASSES AND OTHER FUNCTION SPACES

#### NICKY K. TUMALUN, DENNY I. HAKIM AND HENDRA GUNAWAN

Abstract. We refine the definition of generalized Stummel classes and study inclusion properties of these classes 2 We also study the inclusion relation between Stummel classes and other function spaces such as generalized Morrey spaces, weak Morrey spaces, and Lorentz spaces. In addition, show that these inclusions are proper. Our results extend some previous results in [2, 13].

Mathematics subject classification (2010): 42B35, 46E3

Keywords and phrases: Generalized Stummel classes, generalized Morrey spaces, generalized weak Morrey spaces, Lorentz spaces.

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