

## On the degree of compactness of embeddings between weighted modulation spaces

Aicke Hinrichs\*, Iwona Piotrowska and Mariusz Piotrowski

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**Abstract.** The paper investigates the asymptotic behaviour of entropy and approximation numbers of compact embeddings between weighted modulation spaces.

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### 1. Introduction

Over the past twenty years, entropy and approximation numbers of operators in function spaces has become very popular subject of research. There in a large body of results on asymptotic behaviour of entropy and approximation numbers of compact embeddings between spaces of Besov and Triebel–Lizorkin type. These results have found widespread applications to spectral theory of differential and pseudo-differential

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