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Oswaldo Mendez* (osmendez@utep.edu), 500W University Ave., 124 Bell Hall, El Paso, TX 79968, and **Jan Lang**. *A Sobolev Embedding for Sobolev-Musielak-Orlicz spaces*. Preliminary report.

Let φ be a Musielak-Orlicz function on a bounded domain Ω . We prove that under natural necessary conditions of φ , the Sobolev Embedding $W_0^{1,\varphi}(\Omega) \rightarrow L^\varphi(\Omega)$ is compact. (Received March 22, 2017)