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**Some classical operators of harmonic analysis  
in the generalized variable exponent Morrey spaces**

We consider the generalized variable exponent Morrey spaces  $\mathcal{L}^{\varphi(\cdot), p(\cdot)}(\Omega)$ ,  $\Omega \subset \mathbb{R}^n$  defined by a function  $\varphi(x, r)$  and variable exponent  $p(x)$  and study the mapping properties of the maximal, singular and potential operators in such spaces. The results are obtained without any monotonicity type assumption on  $\varphi(x, r)$  with respect to  $r$ .