

# **Korevaar-Schoen-Sobolev spaces and critical exponents on metric measure spaces**

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We will review some of the recent developments in the theory of Korevaar-Schoen-Sobolev spaces. While this theory is equivalent to that of Cheeger and Shanmugalingam if the space supports a Poincaré inequality, it offers new perspectives in situations, like fractals, where such inequalities are not available.

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