

Multiplicity of solutions to the Yamabe equation

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Positive solutions to the Yamabe equation on a Riemannian manifold give conformal metrics of constant scalar curvature. If the manifold is closed it is well known that there is always at least one solution and that it might not be unique if the scalar curvature is positive. In this talk we will discuss multiplicity results for solutions of the equation obtained using topological methods.

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