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**Title:** Certain Riemannian invariants for Sasakian submanifolds

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In [2], B. Y. CHEN introduced a series of Riemannian invariants on Kaehler manifolds and proved sharp estimates of these invariants for Kaehler submanifolds in complex space forms in terms of the main extrinsic invariant, namely the squared mean curvature. In this article we define analogous Chen invariants for Sasakian manifolds and obtain inequalities involving these invariants for invariant submanifolds in Sasakian space forms.

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