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On rotationally symmetric Kahler-Ricci solitons.

Using Calabi's method, we construct rotationally symmetric Kahler-Ricci solitons on the total space of direct sum of fixed hermitian line bundle and its projective compactification, where the curvature of hermitian line bundle is Kahler-Einstein.

These examples generalize the construction of Koiso, Cao and Feldman-Ilmanen-Knopf. (Received August 07, 2010)