Title: An $\eta$-Einstein Kenmotsu metric as a Ricci soliton

Author(s): Amalendu Ghosh

We prove that, if the metric of an $\eta$-Einstein Kenmotsu manifold (of dimension $> 3$) is a Ricci soliton, then it is Einstein and the soliton is expanding.

Address:
Amalendu Ghosh
Department of Mathematics
Krishnagar Government College
Krishnanagar: 741 101, W.B.
India