

In this work we investigate recent publication by Brenda Chng, Robert Mann and Cristian Stelea in which a new accelerating Taub-NUT black hole metric was found. We verify that it is indeed a vacuum solution of Einstein's field equations, we find its principal null directions, and determine the algebraical type of the spacetime. We prove that this spacetime is algebraically general, so that it can not be contained in the Plebański-Demiański type D class. We also derive a new form of this metric which is convenient for obtaining its special cases, namely the standard forms of C-metric, Taub-NUT metric, and Schwarzschild metric.