1042-53-163   **Andrzej Derdzinski*** (`andrzej@math.ohio-state.edu`), Department of Mathematics, The Ohio State University, Columbus, OH 43210. *Non-Walker self-dual neutral Einstein four-manifolds of Petrov type III.*

We determine the local structure of the manifolds named in the title. Although curvature homogeneous, they are not, in general, locally homogeneous. Not all of them are Ricci-flat, which answers an existence question about type III Jordan-Osserman metrics, raised by Diaz-Ramos, Garcia-Rio and Vazquez-Lorenzo (2006). (Received August 18, 2008)