

New data about old black holes

Alexander Dolgov
Novosibirsk State University and ITEP
Russia

During several recent years numerous discoveries of supermassive and intermediate mass in the present day and quite young universe ($z \sim 10$) have been reported. Presumably such black holes are primordial. The review of the observational data is presented and the mechanism of the black hole production is briefly described. Astronomical implications of their existence are discussed.