

## Additional spectroscopic redshift measurements for galaxy clusters from the first Planck catalogue

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### Abstract

© 2015, Pleiades Publishing, Inc. We present the results of spectroscopic redshift measurements for the galaxy clusters from the first all-sky Planck catalogue that have been mostly identified based on the optical observations performed previously by our team (Planck Collaboration 2015a). Data on 13 galaxy clusters at redshifts from  $z \approx 0.2$  to  $z \approx 0.8$ , including the improved identification and redshift measurement for the cluster PSZ1 G141.73+14.22 at  $z = 0.828$ , are provided. We have performed the measurements based on data from the Russian-Turkish 1.5-m telescope (RTT-150), the 2.2-m Calar Alto Observatory telescope, and the 6-m SAO RAS telescope (Bolshoy Teleskop Azimutalnyi, BTA).

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### Keywords

galaxies, galaxy clusters