

Luong Quoc Tuyen

On an affirmative answer to Y. Tanaka's and Y. Ge's problem

Comment.Math.Univ.Carolin. 58,1 (2017) 125–129.

Abstract: In this paper, we give an affirmative answer to the problem posed by Y. Tanaka and Y. Ge (2006) in *Around quotient compact images of metric spaces, and symmetric spaces*, Houston J. Math. **32** (2006) no. 1, 99–117.

Keywords: Cauchy symmetric; strongly g -developable; σ -strong network; σ -locally finite strong weak base

AMS Subject Classification: 54C10, 54D55, 54E40, 54E99

REFERENCES

- [1] An T.V., Tuyen L.Q., *On an affirmative answer to S. Lin's problem*, Topology Appl., **158** (2011), 1567–1570.
- [2] An T.V., Tuyen L.Q., *On π -images of separable metric spaces and a problem of Shou Lin*, Mat. Vesnik **64** (2012), no. 4, 297–302.
- [3] Arhangel'skii A.V., *Mappings and spaces*, Russian Math. Surveys **21** (1966), no. 4, 115–162.
- [4] Engelking R., *General Topology*, PWN-Polish Scientific Publishers, Warsaw, 1977.
- [5] Ikeda Y., Liu C., Tanaka Y., *Quotient compact images of metric spaces, and related matters*, Topology Appl. **122** (2002), no. 1-2, 237–252.
- [6] Lin S., Tanaka Y., *Point-countable k -networks, closed maps, and related results*, Topology Appl. **59** (1994), 79–86.
- [7] Tanaka Y., *Symmetric spaces, g -developable spaces and g -metrizable spaces*, Math. Japon. **36** (1991), 71–84.
- [8] Tanaka Y., *Theory of k -networks II*, Questions Answers Gen. Topology **19** (2001), 27–46.
- [9] Tanaka Y., Ge Y., *Around quotient compact images of metric spaces, and symmetric spaces*, Houston J. Math. **32** (2006) no. 1, 99–117.
- [10] Tanaka Y., Li Z., *Certain covering-maps and k -networks, and related matters*, Topology Proc. **27** (2003), no. 1, 317–334.
- [11] Tuyen L.Q., *A new characterization of spaces with locally countable sn -networks*, Mat. Vesnik **65** (2013), no. 1, 8–13.
- [12] Yan P., *On strong sequence-covering compact mappings*, Northeast. Math. J. **14** (1998), 341–344.