

Extragalactic star-forming regions and open clusters in the Milky Way

F. Sakhibov,^{1,2} A. S. Gusev,³ N. V. Kharchenko⁴ and A. E. Piskunov⁵

¹Giessen–Friedberg University for Applied Sciences, Friedberg, Germany

²Institute of Astrophysics, Academy of Sciences of Tajikistan, Dushanbe, Tajikistan

³Sternberg Astronomical Institute, Moscow, Russia

⁴Main Astronomical Observatory National Academy of Sciences of Ukraine, Kiev, Ukraine

⁵Institute of Astronomy of the Russian Academy of Sciences, Moscow, Russia

Abstract. We have carried out a comparative analysis of the evolution of integrated photometric parameters of young star-forming complexes in spiral and irregular galaxies and Galactic open clusters. We find that when the interstellar extinction is properly taken into account, the extragalactic complexes observed as giant HII regions and open clusters in the Milky Way form a single evolutionary sequence of objects evolving at different stages.

Keywords. open clusters and associations: general, galaxies: star clusters

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