

**Q18a                    Optical emission of high latitude clouds in the Solar neighborhood**

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I will give a summary of the conclusions on the optical emission in the Galaxy, reached during my 2 years stay in Japan. A first result concerns the broad band emission observed in the R and I bands in the Galaxy, known as ERE and commonly attributed to line emission of some unknown type of interstellar grains. This emission can be explained by extinction effects only, without need of red luminescence. Other results concern the radiation field in the Solar neighborhood and its role in the illumination of high latitude nebulae, the effect of small scale structure on nebulae colors, and minimum conditions which must prevail between a nebula and its illuminating source.