Migration on the shearing sheet Estimates for young open cluster migration

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A diffusive model could work on

spiral features are uncorrelated or if patterns interfere.

such a short time if individual

-A surface density contrast of 1/4 in spiral structure, slightly higher than the COBE value by Drimmer+Spergel01, can account for current galactocentric radii of metal rich open clusters (maximal migrators) without over estimating the standard deviation in [Fe/H] of young open clusters.

Preprint: https://arxiv.org/abs/1709.04801

time (period)

0.2

0.0

200

different times