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Cosmic ray flux anisotropies caused by astrospheres

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Large area telescope show spatial anisotropies of the high energy cosmic ray flux in the permille. We model the cosmic ray flux through a sphere of 1 kpc, in which we have located different astrosphere (or the like) with a radii varying from 1 to 10\,pc at a large distance from the observer. We discuss cosmic ray anisotropies for different setups of the location of the astrospheres. We will present the setup of our model and discuss the results, which are in the expected amplitude range for the anisotropic flux.

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