

# Angular distribution of the radiation of an electron moving along the arc of a circle 

Tuesday, 27 September 2016 18:40 (0 minutes)


#### Abstract

The results of numerical analysis of angular distribution of the radiation of an electron moving on a plane along a circle arc are presented. The numerical values of global extremum of the sigma and pi-components of the linear polarization are determined. The analysis has shown that there are invariant directions where there is always the maximum (minimum) value of the radiation power.


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Session Classification: PS2: Poster Session

