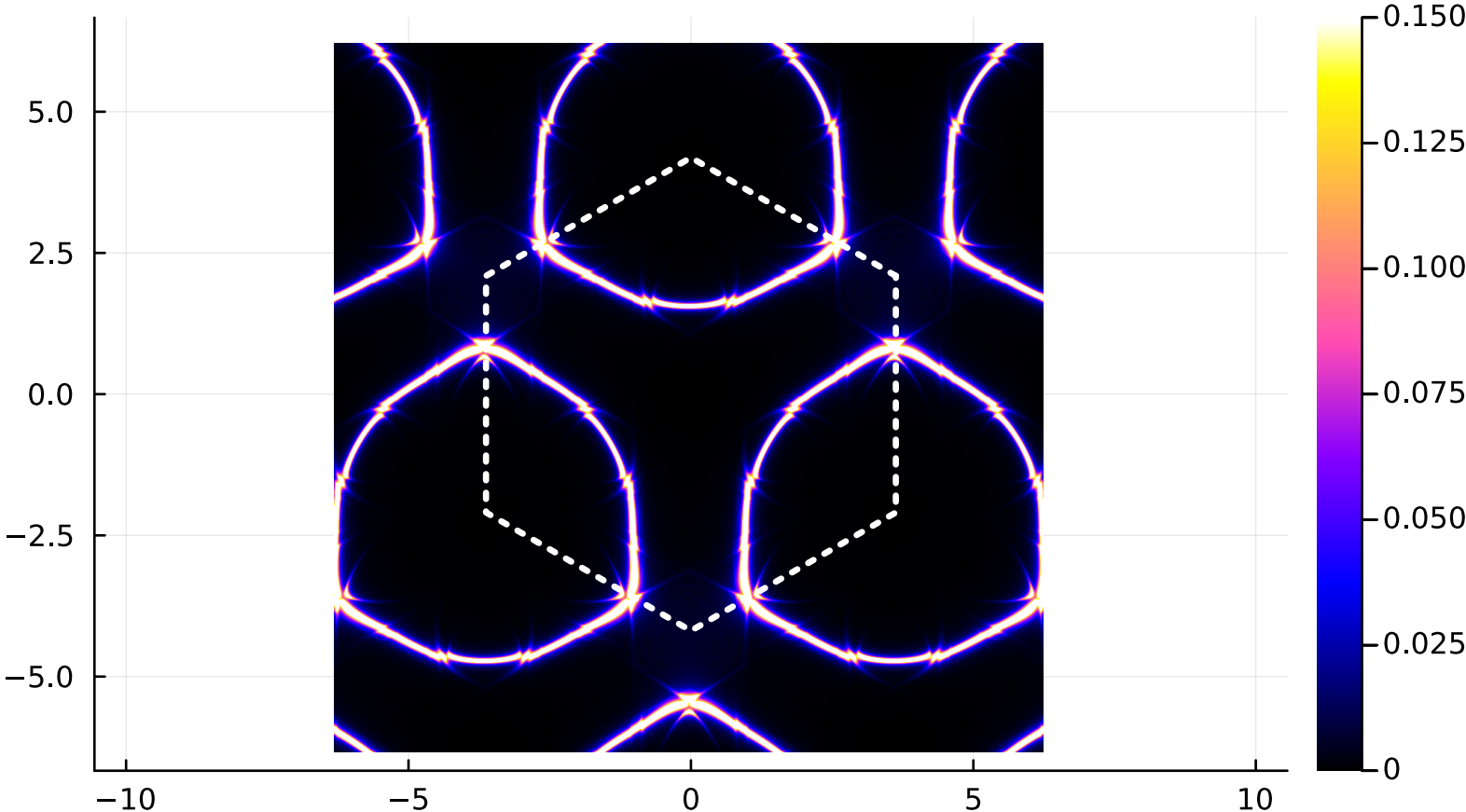Density of spin up states on fermisurface