



Subsurface flows associated with rotating sunspots

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In this paper, we compare components of the horizontal flow below the solar surface in and around regions consisting of rotating and non-rotating sunspots. Our analysis suggests that there is a significant variation in both components of the horizontal flow at the beginning of sunspot rotation as compared to the non-rotating sunspot. In most cases, the flows in surrounding areas are relatively small. However, there is a significant influence of the motion on flows in an area closest to the sunspot rotation.

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