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Brewster angle

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Weak measurements of a large spin angular

splitting of light beam on reflection at

We reveal a large spin angular splitting of light beam on reflection at the Brewster angle both

the spin accumulations can be switched by adjusting the initial handedness of polarization.

theoretically and experimentally. A simple weak measurements system manifesting itself for the built-

in post-selection technique is proposed to explore this angular splitting. Remarkably, the directions of

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