

COMPARISON BETWEEN SINGLE-AXIS PV TRACKERS OF PSEUDO-EQUATORIAL AND AZIMUTHAL TYPE

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Abstract: *The paper presents a comparative analysis regarding the direct incident solar radiation on two different types of dual-axis trackers for photovoltaic panels, the pseudo-equatorial tracker type and the azimuthal tracker type. These trackers are used as single-axis trackers; the obtained results highlight that single-axis tracking is more efficient for pseudo-equatorial trackers.*

Key words: *photovoltaic panel, single-axis tracking, pseudo-equatorial mechanism, azimuthal mechanism, direct incident radiation.*

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