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Speckle Interferometric Observation of WDS 14564+8503 STEPHEN WHITE, New Mexico Tech, PAIGE BENSEN, SEPEHR ARDEBILIANFARD, GEZAL BAHMANI, ALEXANDER BELTZER-SWEENEY, IRENA STOJIMIROVIC, San Diego Mesa College, RICHARD HARSHAW, Brilliant Sky Observatory, GRADY BOYCE, PAT BOYCE, Boyce Research Initiatives and Educational Foundation — Speckle interferometric observations of tertiary star system WDS 14564+8503 were made in order to measure the position angle (theta) and separation (rho) of the AB components, and also to attempt to confirm if the components are in a gravitationally bound state. The theta and rho measurements were found to be 291.5+/- 0.1^{o}and 3.433" +/- 0.01", respectively. The measurements showed a possible continuation of a linear motion trend, but were inconclusive in confirming whether or not the AB components are gravitationally bound.

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