

Abstract Submitted
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3D Modelling of the interaction of Pulsar Wind Nebula (PWN) with Interstellar medium TANVIR RAHMAN, Long Island University, DAVID NEILSEN, ERIC HIRSCHMANN, Brigham Young University, STEVE LIEBLING, Long Island University, MALLORY ROBERTS, Eureka Scientific — We have investigated, in three dimensions, the interaction of the Pulsar Wind Nebulae (PWN) with an interstellar medium. We have considered the case of asymmetric wind luminosity and investigated its impact on the bow shock structure and other observables. Our results are compared to several observations.

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