

## **Vela X-1 in depth: a review article on an outstanding object.**

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### **Abstract**

The paper - [Revisiting the archetypical wind accretor Vela X-1 in depth](#). Case study of a well-known X-ray binary and the limits of our knowledge - provided a thoughtful compilation of the knowledge of the Vela X-1 system and its modelling published over decades; added new information derived from public data or catalogues, including an updated distance and spectral classification based on the Gaia EDR3 release; and identified specific avenues of future research that could help to clarify open questions.

This publication triggered a discussion on the editorial board of A&A journal, leading to the creation of a new type of review article on uniquely interesting objects.

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My poster is available at <https://zenodo.org/record/7038485#.Y5sH16fMLpg>