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$\dot{M}\dot{P}/P \dot{P}_{orb} \dot{P}_{orb}/P_{orb} \text{ yr}^{-1} -0.6\text{ex} - .2\text{ex} < \sim$

document The Discovery of an Outburst and Pulsed X-ray Flux from SMC X-2 from RXTE Observations
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abstract Rossi X-ray Timing Explorer All Sky Monitor observations of SMC X-2 show that the source
experienced an outburst in January to April 2000 reaching a peak luminosity of greater than $\sim 10^{38}$ ergs
 s^{-1} . RXTE Proportional Counter Array observations during this outburst reveal the presence of pulsations
with a 2.37s period. However, optical photometry of the optical counterpart showed the source to be still
significantly fainter than it was more than half a year after the outburst in the 1970s when SMC X-2 was
discovered.