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## Directly Observing Self-Gravitating Spiral Waves in Protostellar Discs

Recent ALMA observations of the disc surrounding the T Tauri star HD142527 have revealed spiral structure in  $^{12}\text{CO}$  J=2-1 emission that extends out as far as 600 AU. We use self-consistent disc models to examine the possibility that such spiral structures could be due to disc self-gravity.