

**A SEARCH FOR NON-THERMAL EMISSION IN THE HII REGIONS OF THE
MAGELLANIC CLOUDS**

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ABSTRACT. The 843 MHz radio survey of the Magellanic Clouds with the Molonglo Observatory Synthesis Telescope (MOST) has provided continuum images with a resolution of about 45 arcsec for many HII regions. By comparing these radio data with H-alpha data regions of non-thermal emission may be found within HII regions.