

Maximum entropy examples

Cornwell & Evans (1985)

1985A&A...143..77C

T. J. Cornwell and K. F. Evans: A simple maximum entropy deconvolution algorithm

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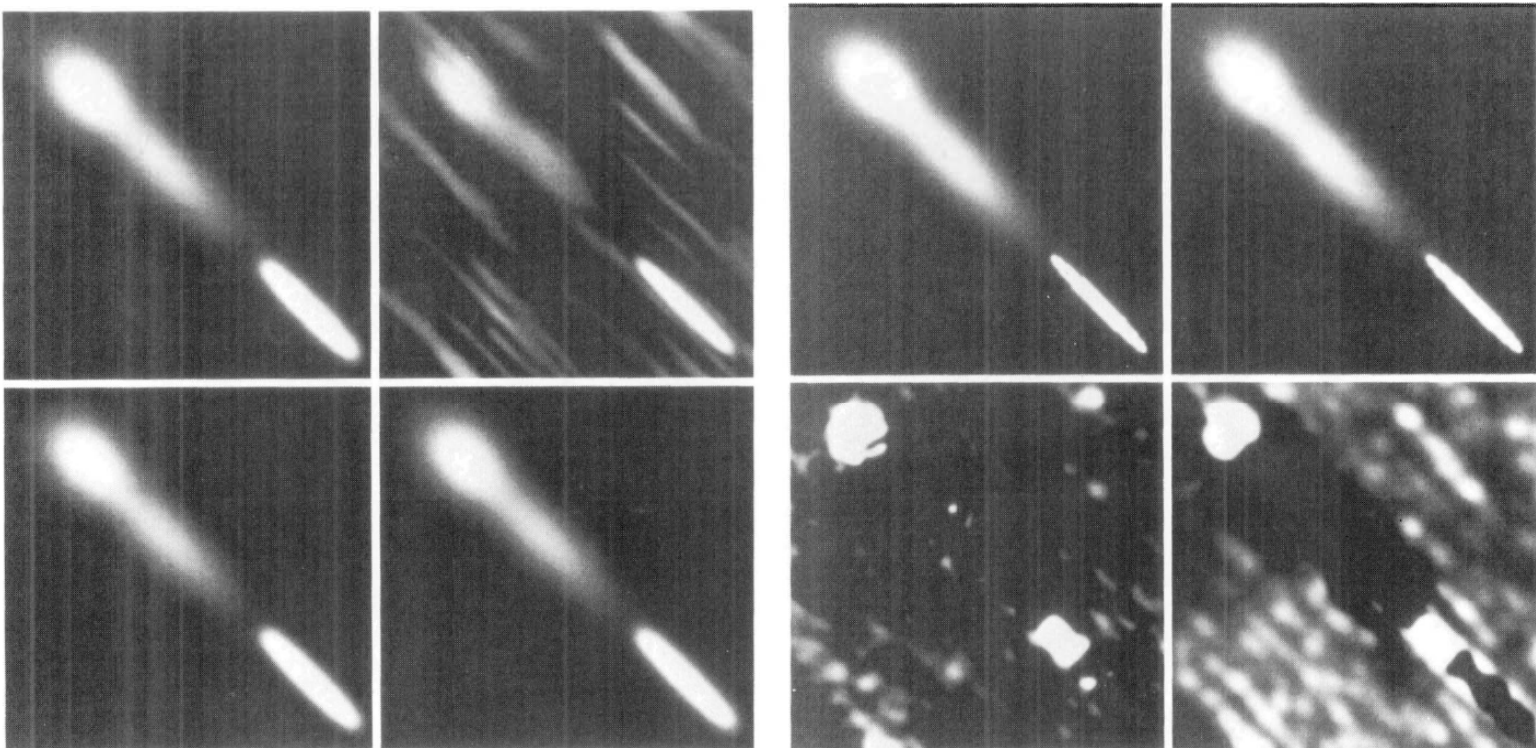


Fig. 1a and b. Tests of VM on model data: **a** Clockwise from top left, model convolved with CLEAN beam, dirty image, best VM image convolved with CLEAN beam, CLEAN image. **b** Model, best VM image, difference between VM image and model convolved with CLEAN beam, difference between CLEAN image and model convolved with CLEAN beam. The latter two images are saturated a factor 20 times lower

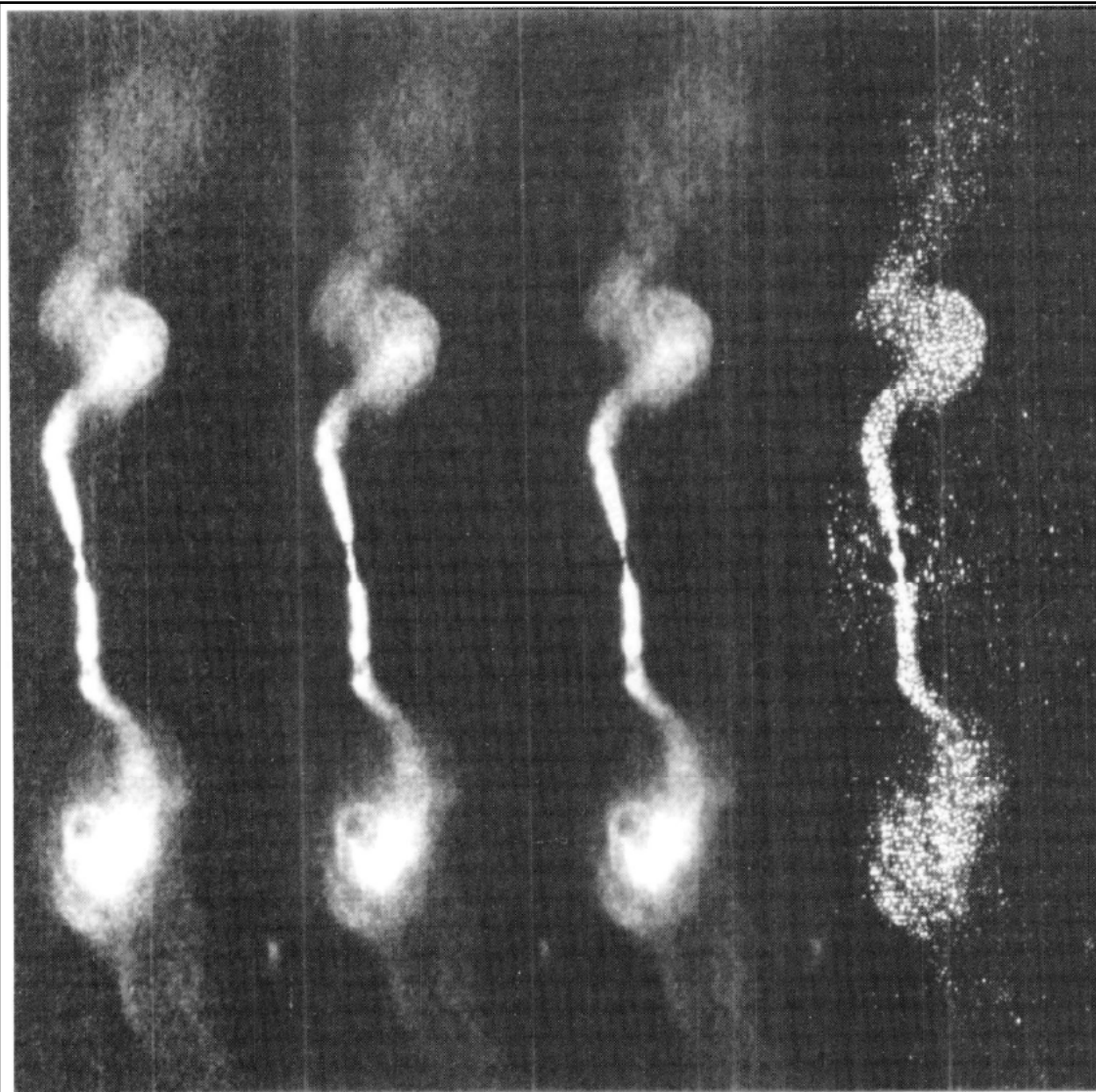


Fig. 3. Tests on very extended source (from left): CLEAN image, VM image, VM image after point source removed, difference between last two images (saturated a factor of 20 lower)

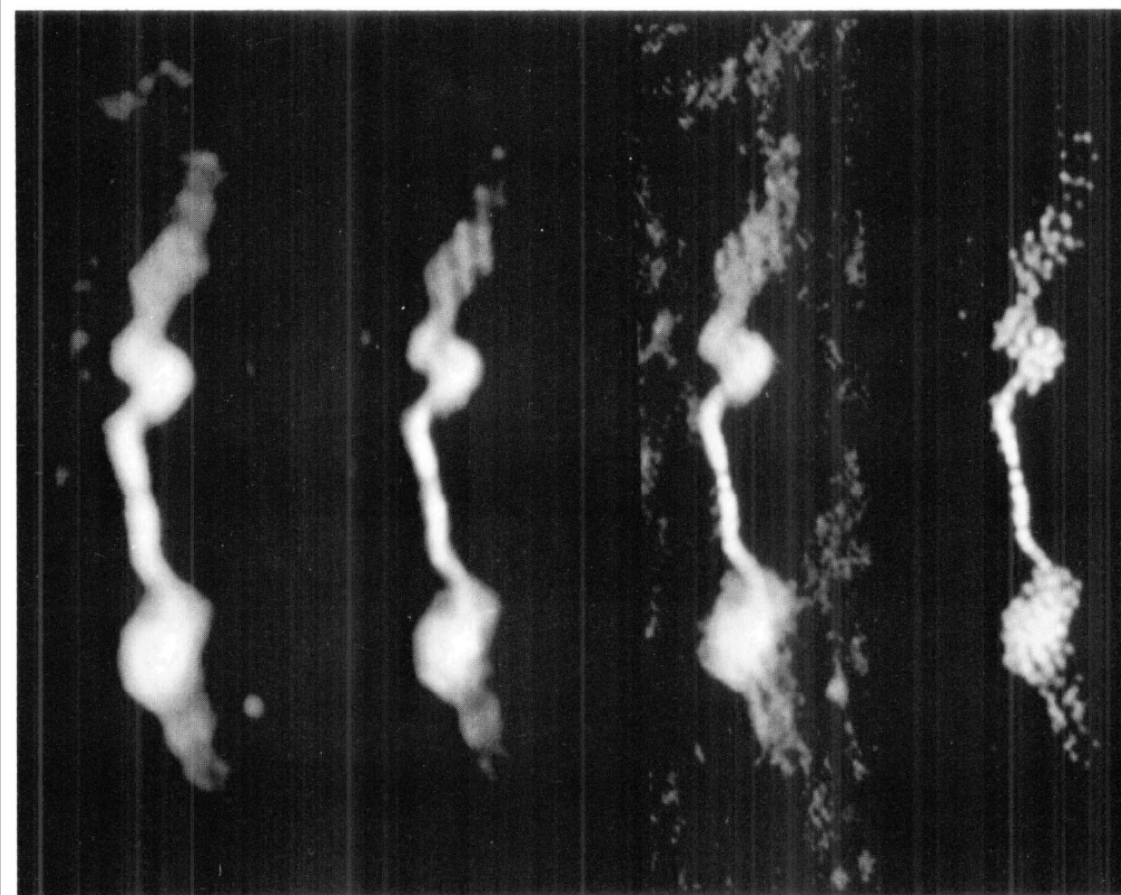


Fig. 2. Tests of superresolution (from left): CLEAN image made from C-configuration data only, VM image made from C-configuration only, CLEAN image made from B- and C-configuration data, CLEAN image made from C-configuration data only with CLEAN beam appropriate to B-configuration data