


### Texture and image interpolation using Markov models (Technion)

**code:** COM-1071

Image upscaling technologies are in demand due to the influx of high-definition displays and the prevalence of low-resolution content. Our algorithm allows for the restoration of textured images out of low-resolution or low-quality ones. The algorithm analyzes the image statistically to achieve superior results as compared to simple methods such as bicubic and bilinear. This also enables high-ratio compression for textures and introduces an innovative criterion for comparison of image textures, which may be used for different applications.

**Contact for more information:**

T3 Team , +972-4-8294853

---

T - Technion Technology Transfer  
Technion City, Senate Bldg., Haifa 32000, Israel  
Tel. 972-4-829-4851; 972-8325-375  
Fax. 972-4-832-0845