

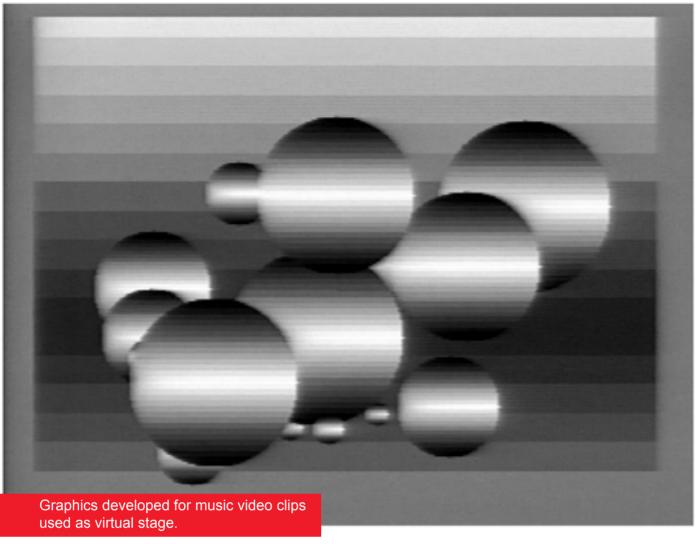
Tomislav Mikulić

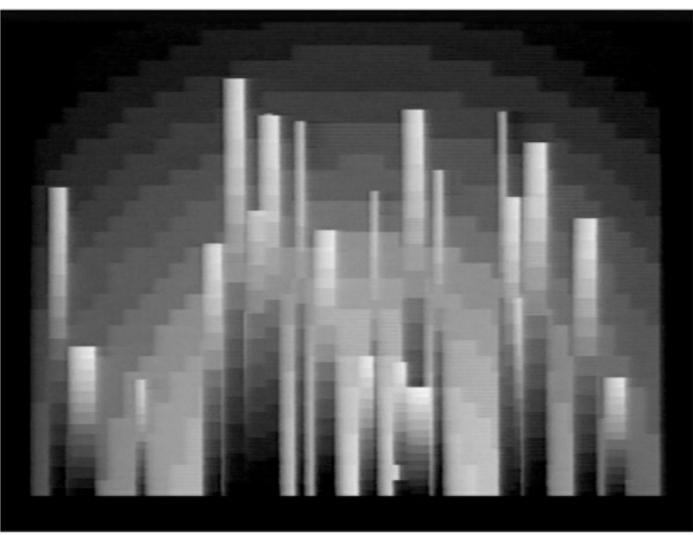
Graphics created with DAI Personal Computer 1981-1986 (2019) Generated by programming, hand-drawing and captured from video.

DAI PERSONAL COMPUTER

Original DAI splash screen and a hack with customized text and colors.

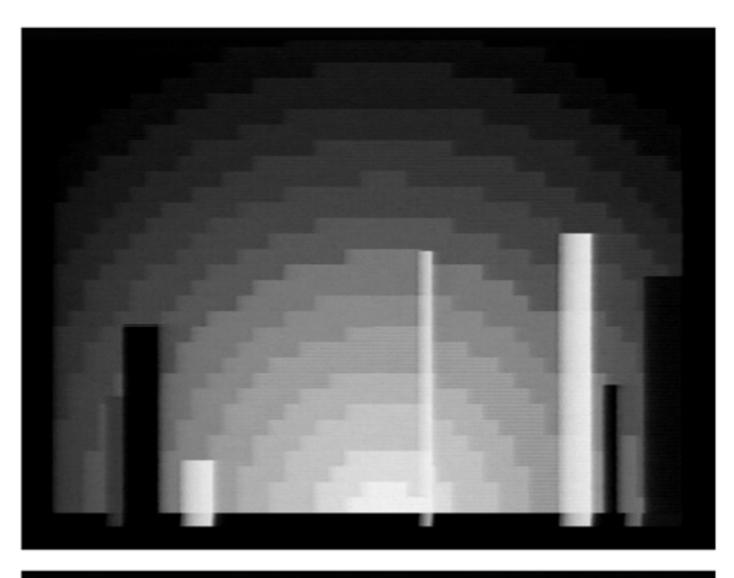
TOMISLAV MIKULIC Zagreb, 1981

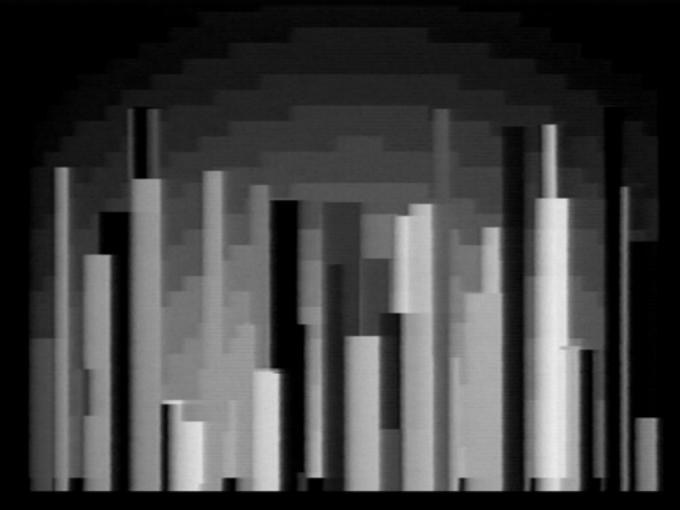


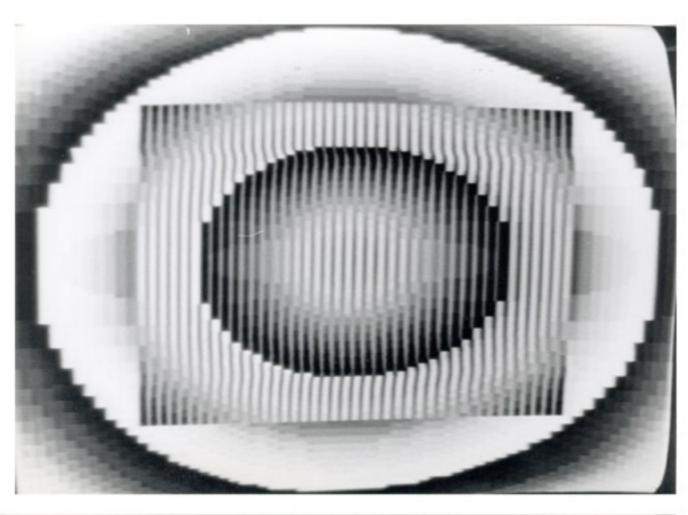


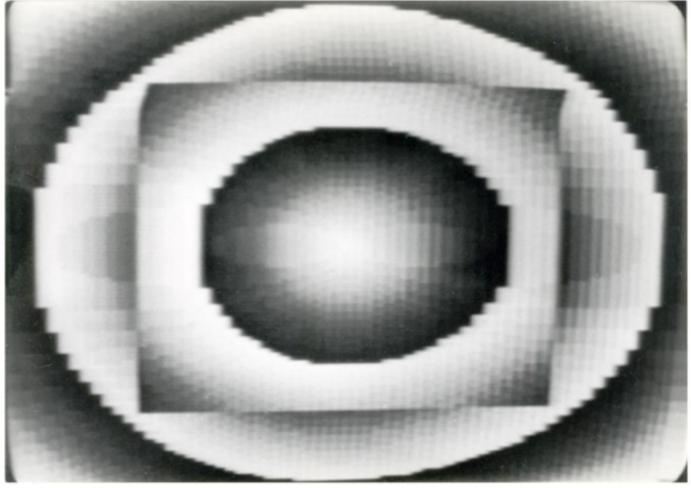


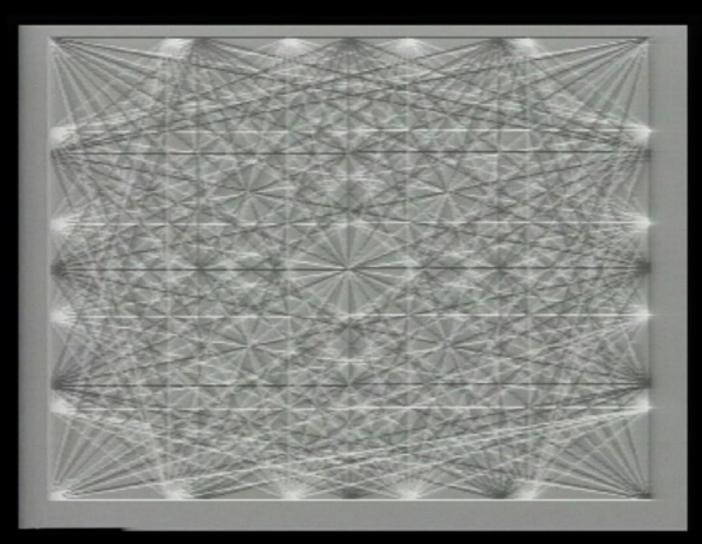
DAI graphics superimposed live over video camera in TV studio.

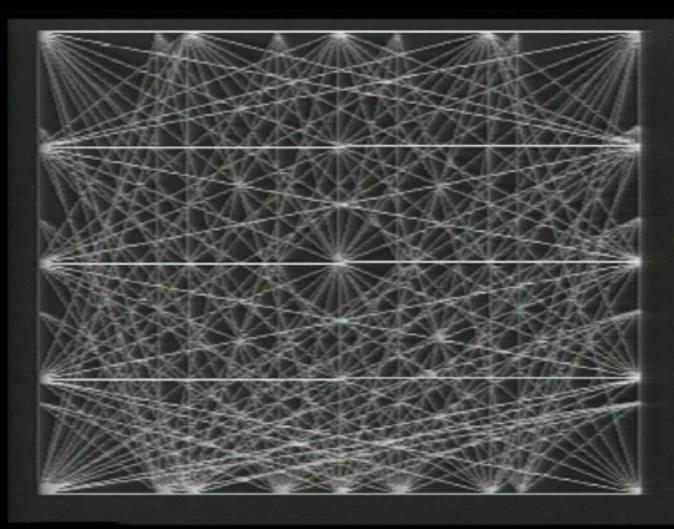


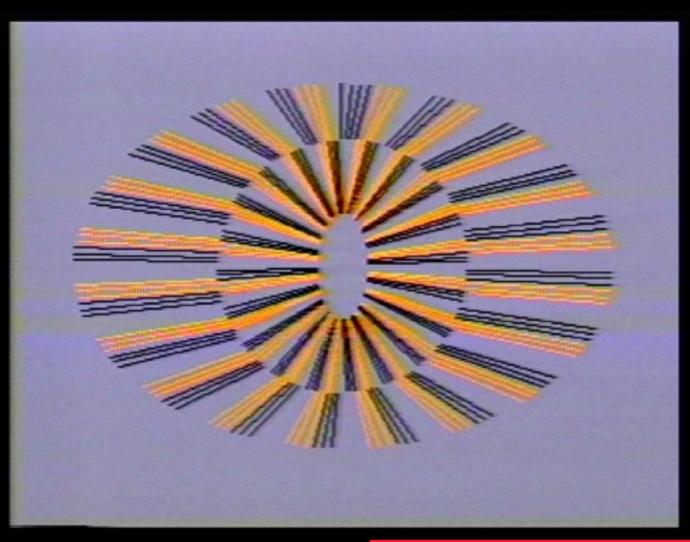


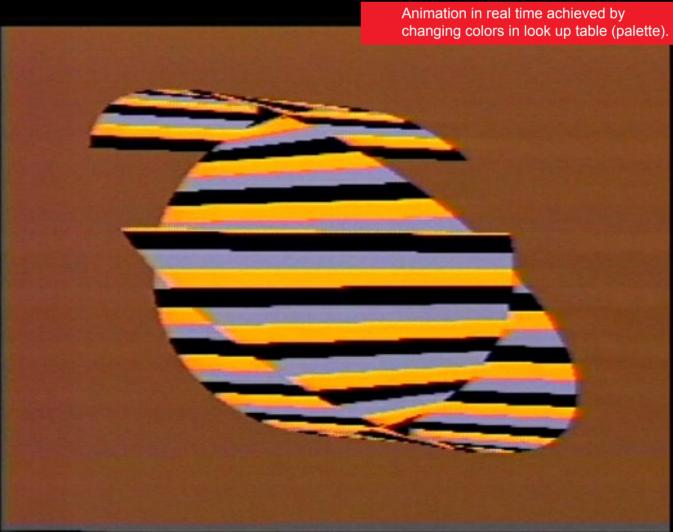


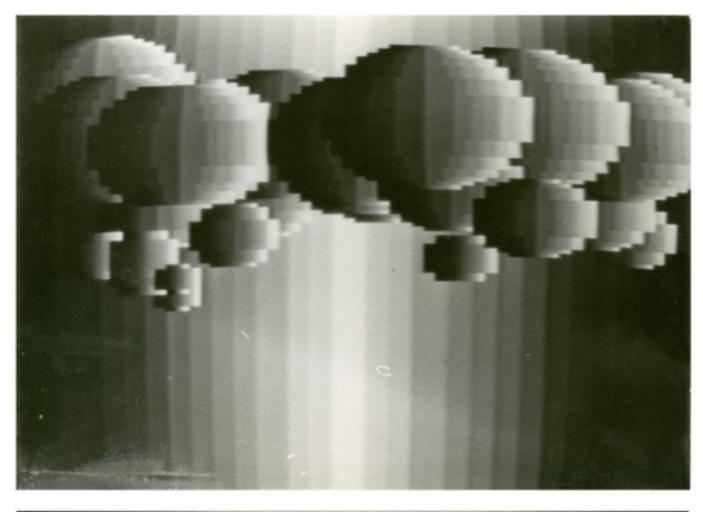


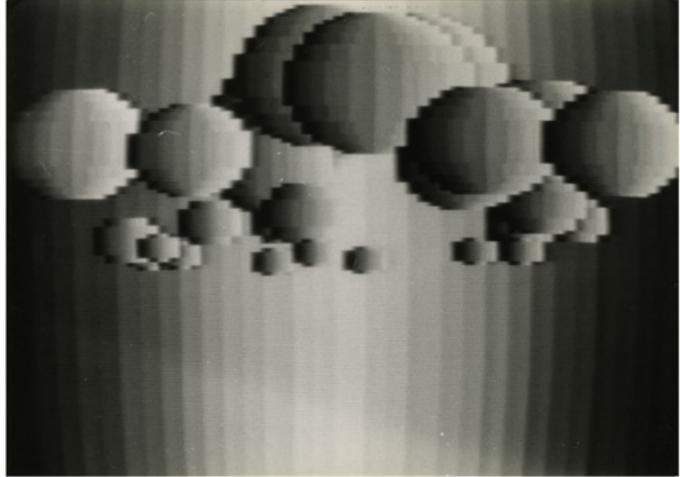










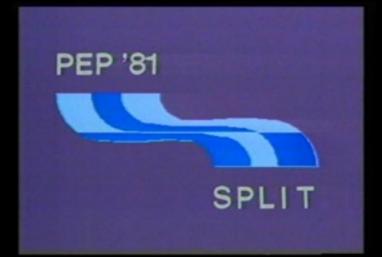






and broadcast TV program.

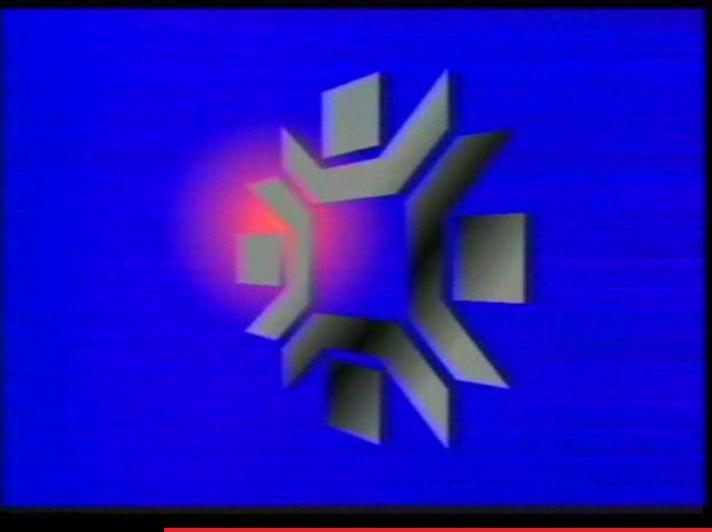
Openers for European Championships in Swimming and Athletics.











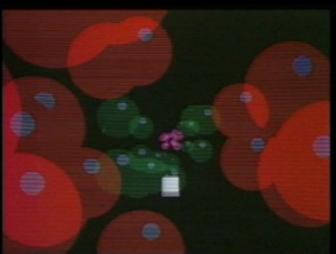
Animation and shading was developed and executed on DAI for internationally awarded opener of Winter Olympic Games in Sarajevo 1984.

Broadcast TV paint system Flair was used for graphics output in high resolution.











ZAGREB 84

6. svjetski festival animiranih filmova 6 th world festival of animated films

11-15.6.1984.



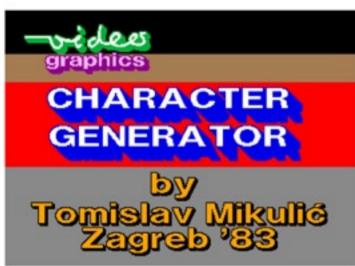




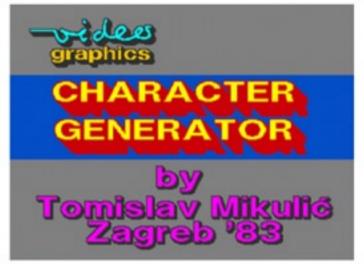


CHARACTER GENERATOR

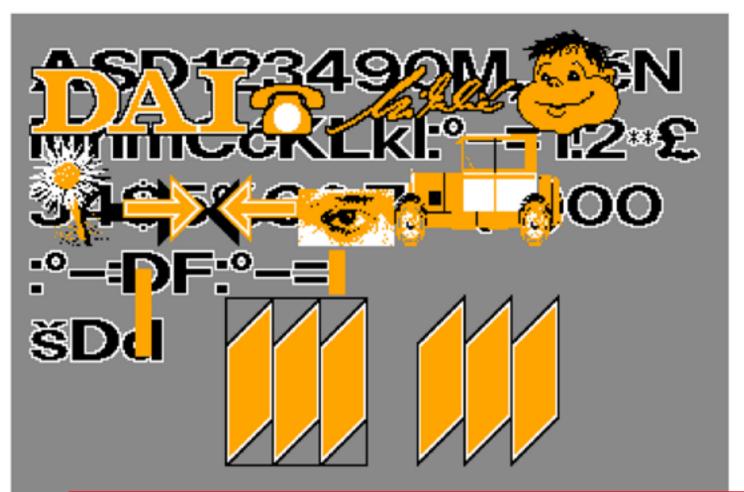
by Tomislav Wikulić Zagreb 183



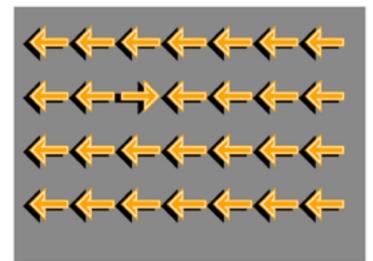








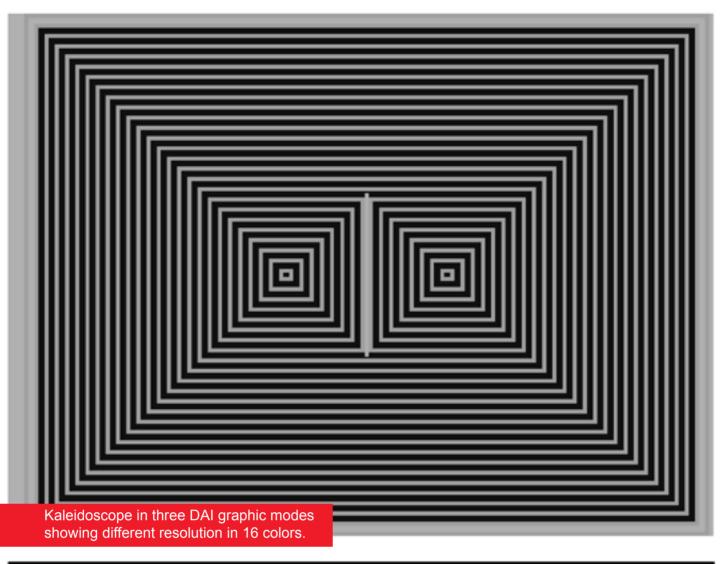
Any segment of a graphic on the screen could have been saved as an additional character in Pictorial font with transparent background. I created Helvetica medium fonts in various sizes. Extra characters needed two-key entry e.g. "Tab+S" for "Š".



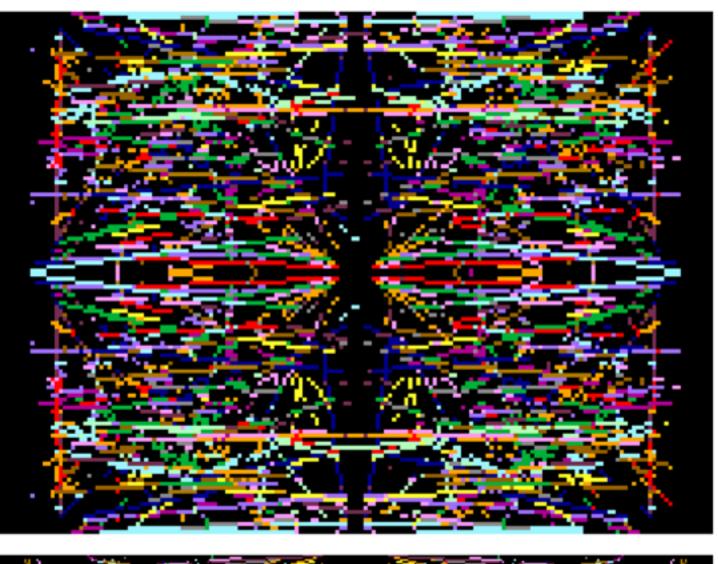


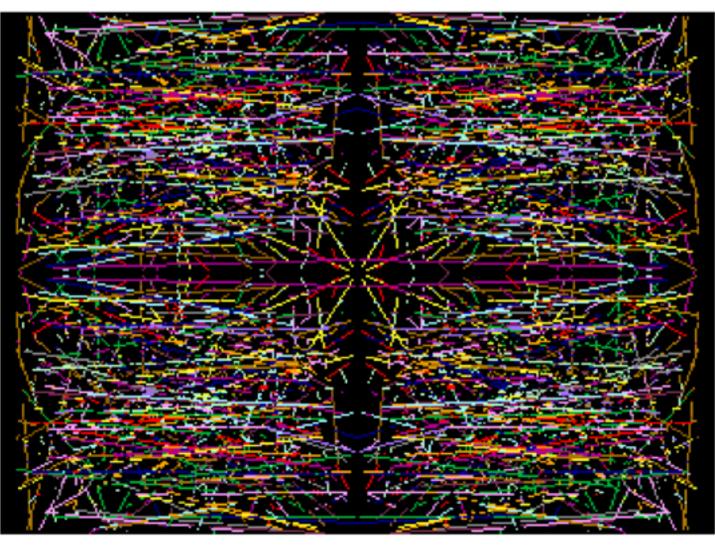


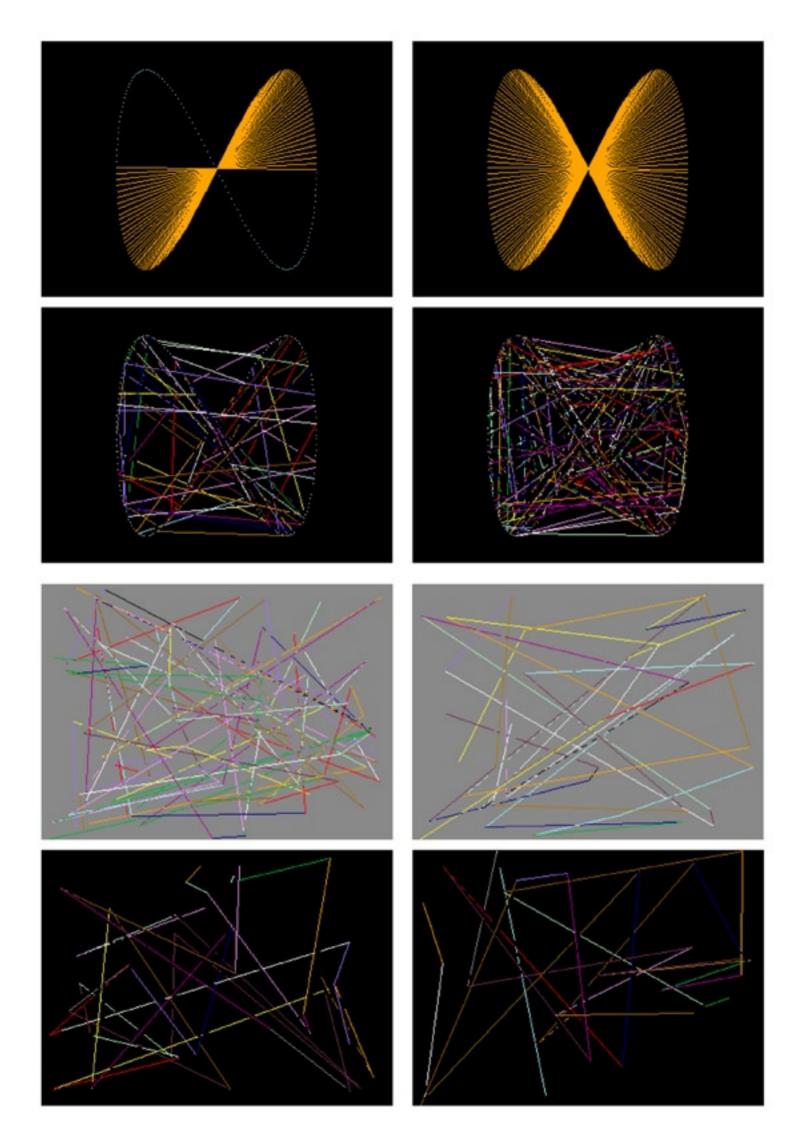


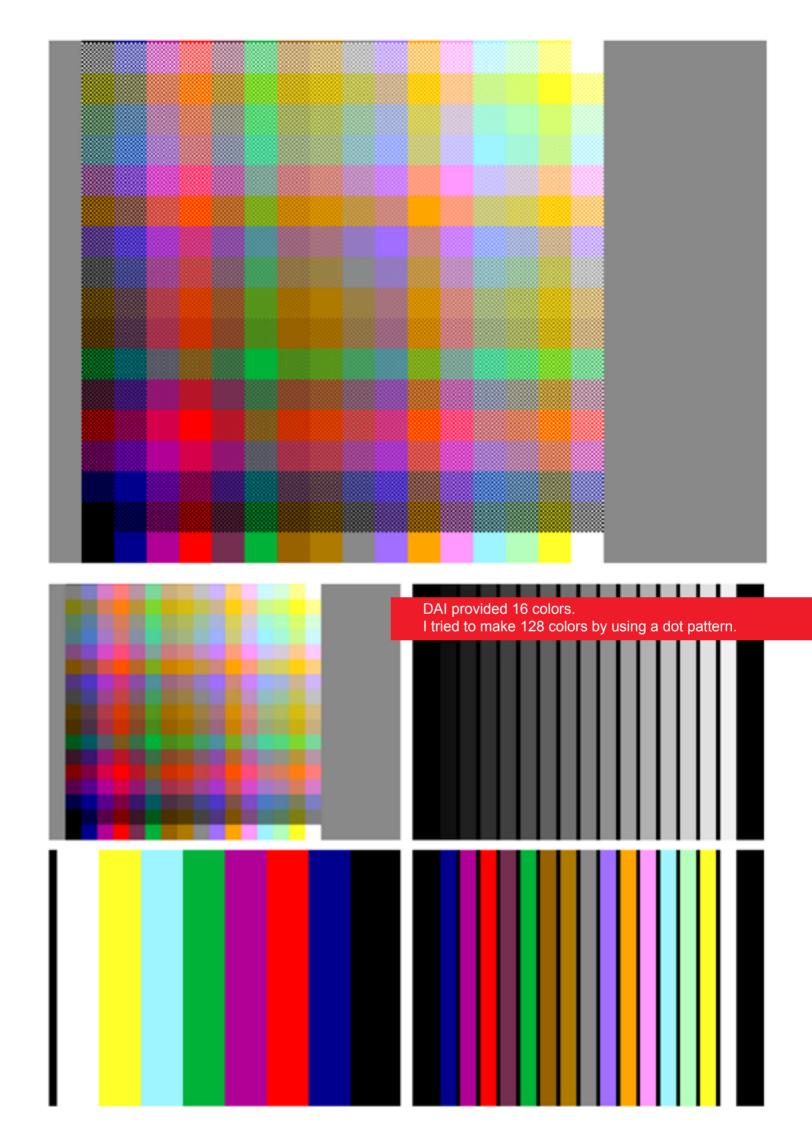












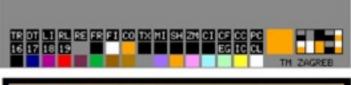


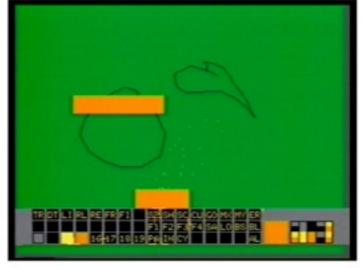
Connecting a graphic tablet (HIPAD by Houston Instrument) to DAI enabled me to create hand drawn images.

I had to write my own driver for DCE-Bus and a Paint program.

Adding the drawing functions was an ongoing process.

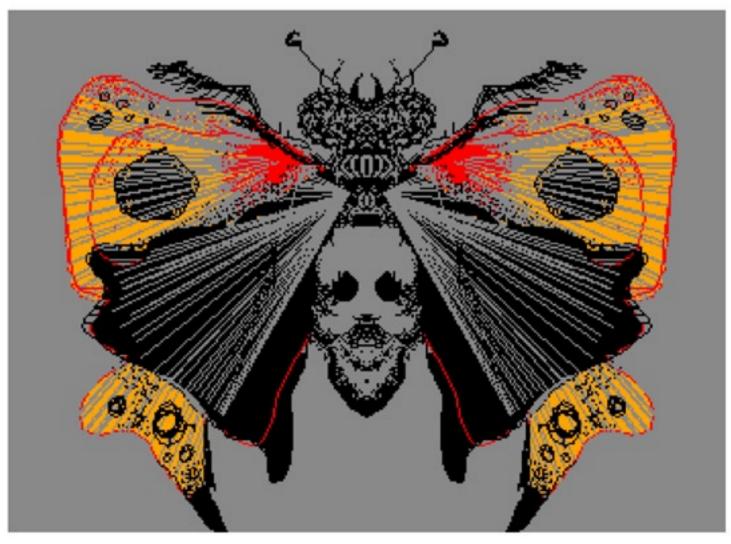














I animated Mona Lisa's smile and played it in real time with DAI sound in the background. The differential data was stored in a format which many years later somebody patented as "Animated GIF"





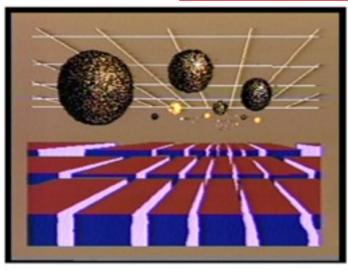




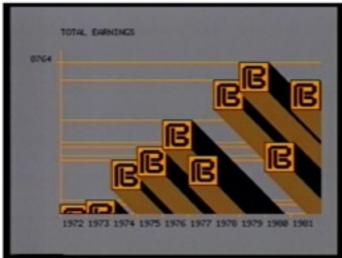
My portrait of Leonard Cohen who influenced my work a lot since his first album.



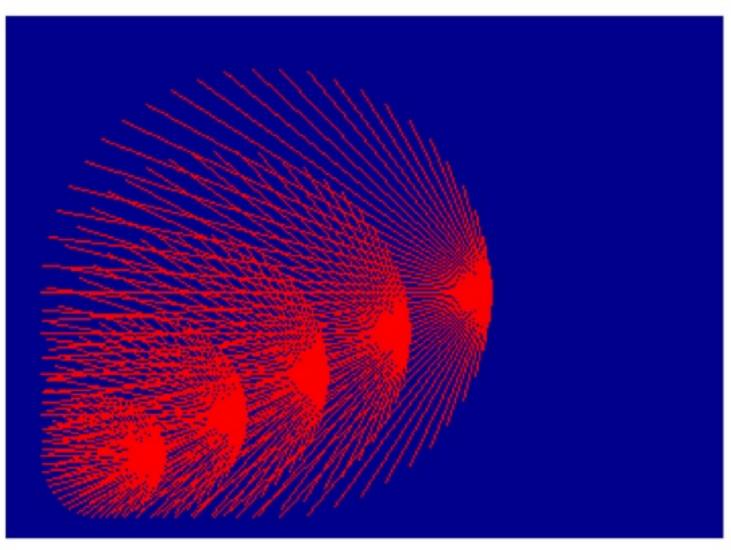
Can you spot four countries which changed borders since early 1980s until today (2019) on the map of Europe below?

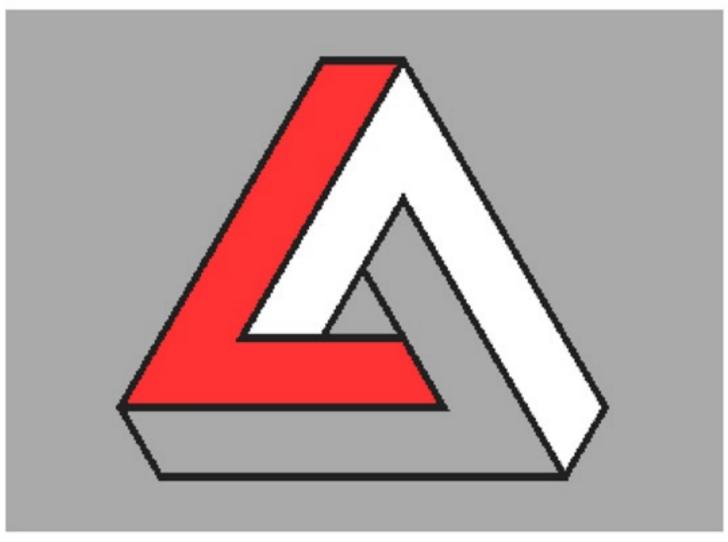




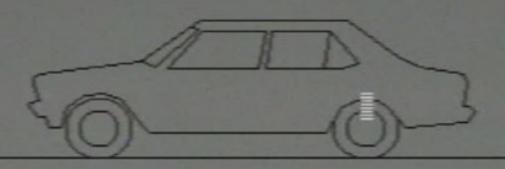


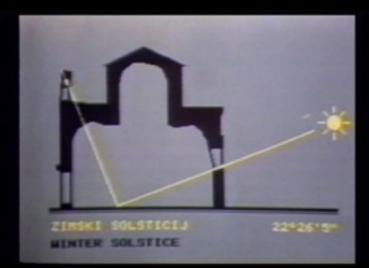


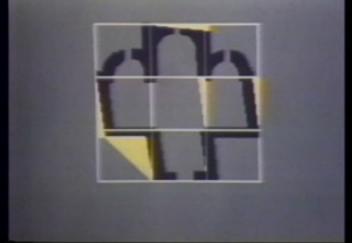


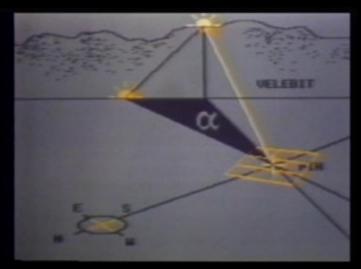


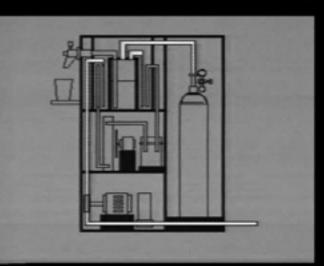
AMMORTIZZATORI ALFEO MORET





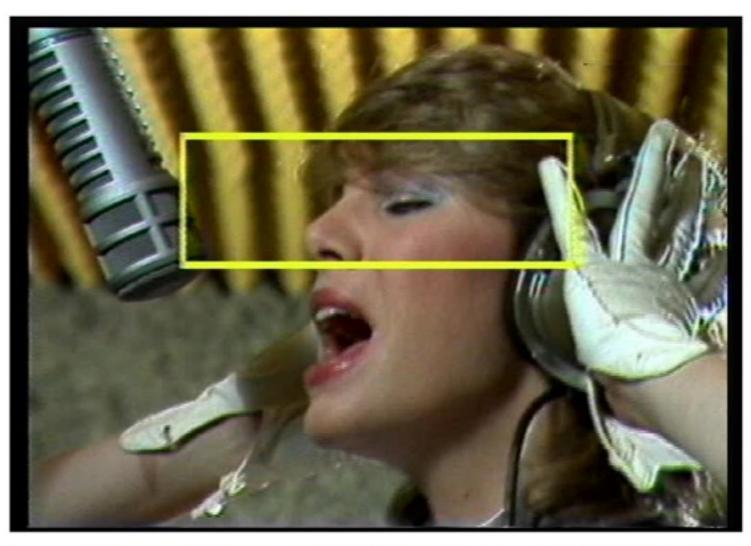








I was using very frequently the wipes and animated masks in real time in broadcast TV production.





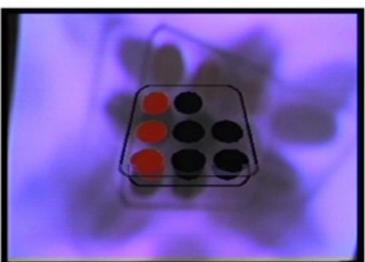






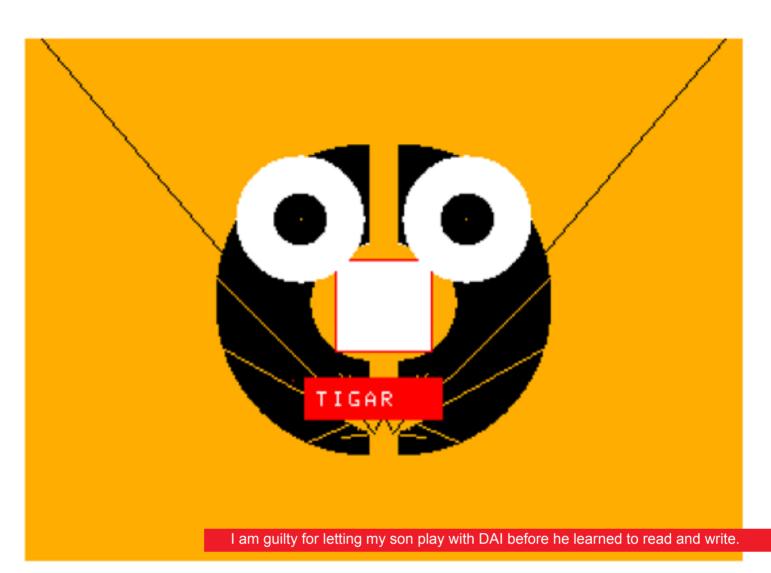


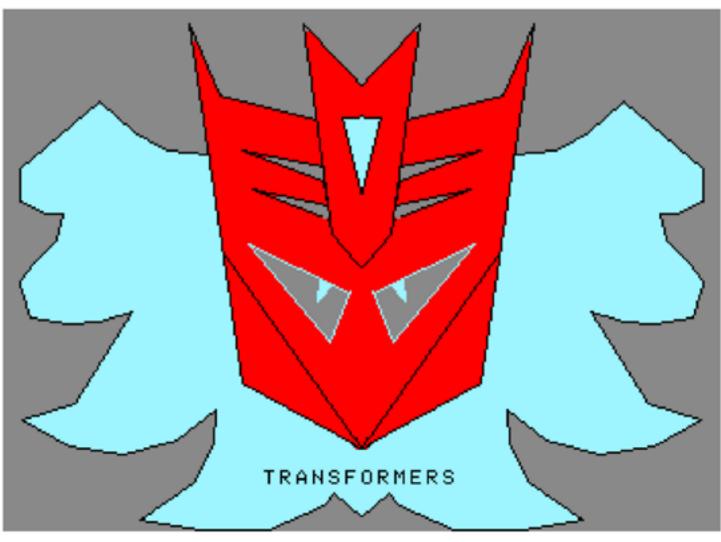


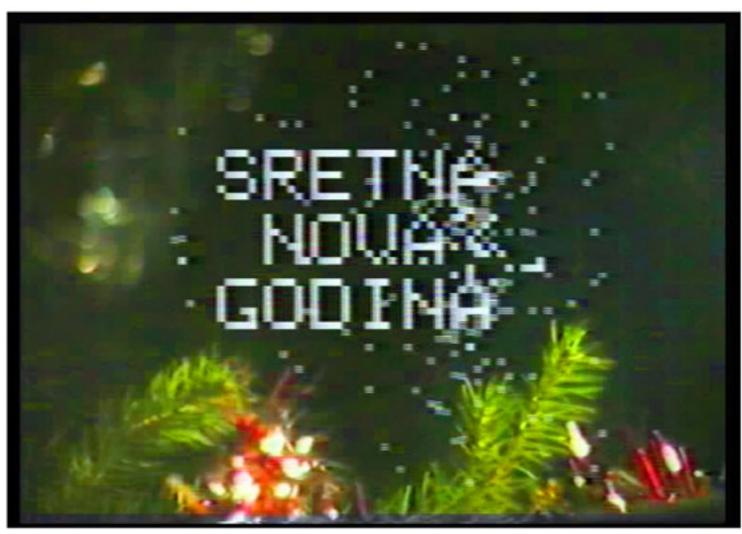


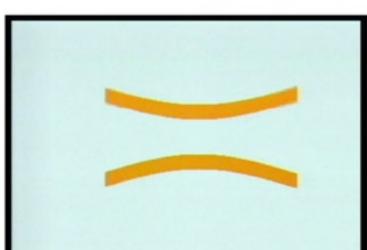










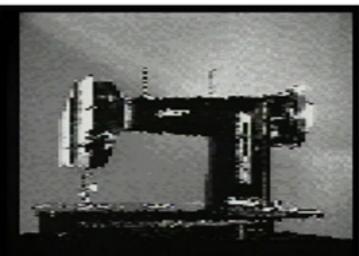


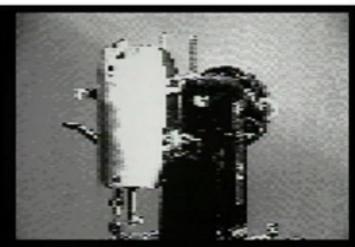


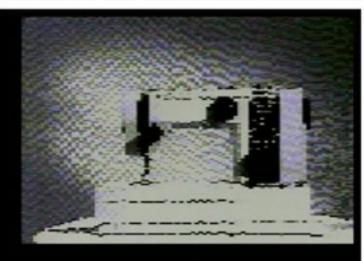












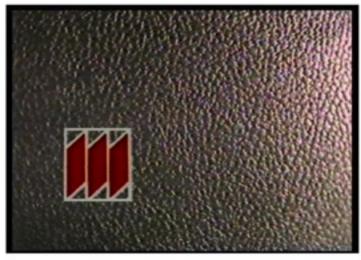




With my DIY video digitizer I captured a random face from a magazine and displayed it in alphanumerics on the football stadium at the huge Rock concert "Omladinski Mirodrom" ("Peace-yard") in Split on 28. SEP 1985. The concert was politically important in a delicate time of political turbulance Yugoslavia was already experiencing. My graphic must have looked so "obscure" that an official in grey raincoat came in panic asking me to disconnect computer immediately.



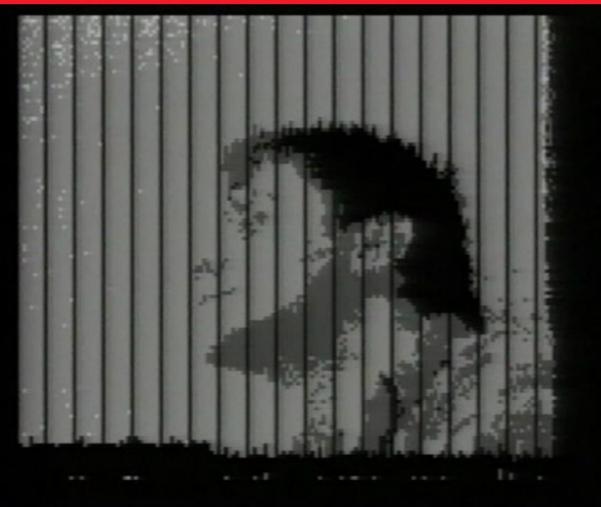








First test of video digitizer. Timing was coarse and 8th bit was skipped. The hardware guru Kruno Penezić who designed the digitizer is shown above and TM below. We used a voltage metering card based on S-100 bus for Cromemco. Kruno added some RAM and I wrote the software.

















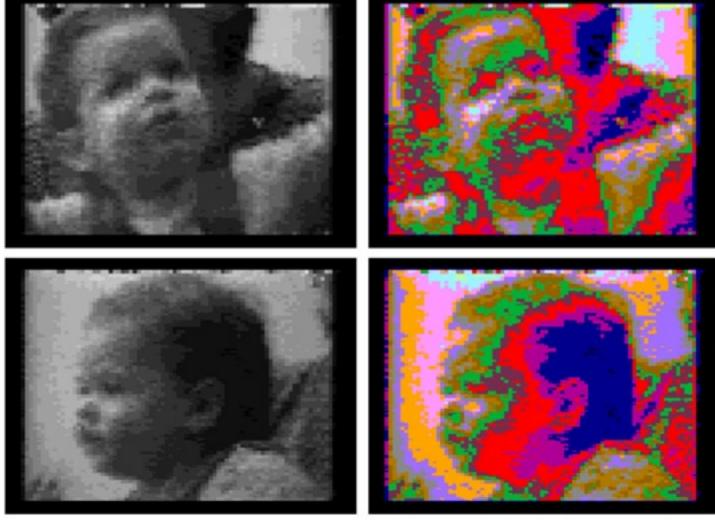
A video still was captured from top to bottom and from left to right. It took about 20 seconds to capture full frame. It allowed playing with the zoom and object position to achieve distortions.





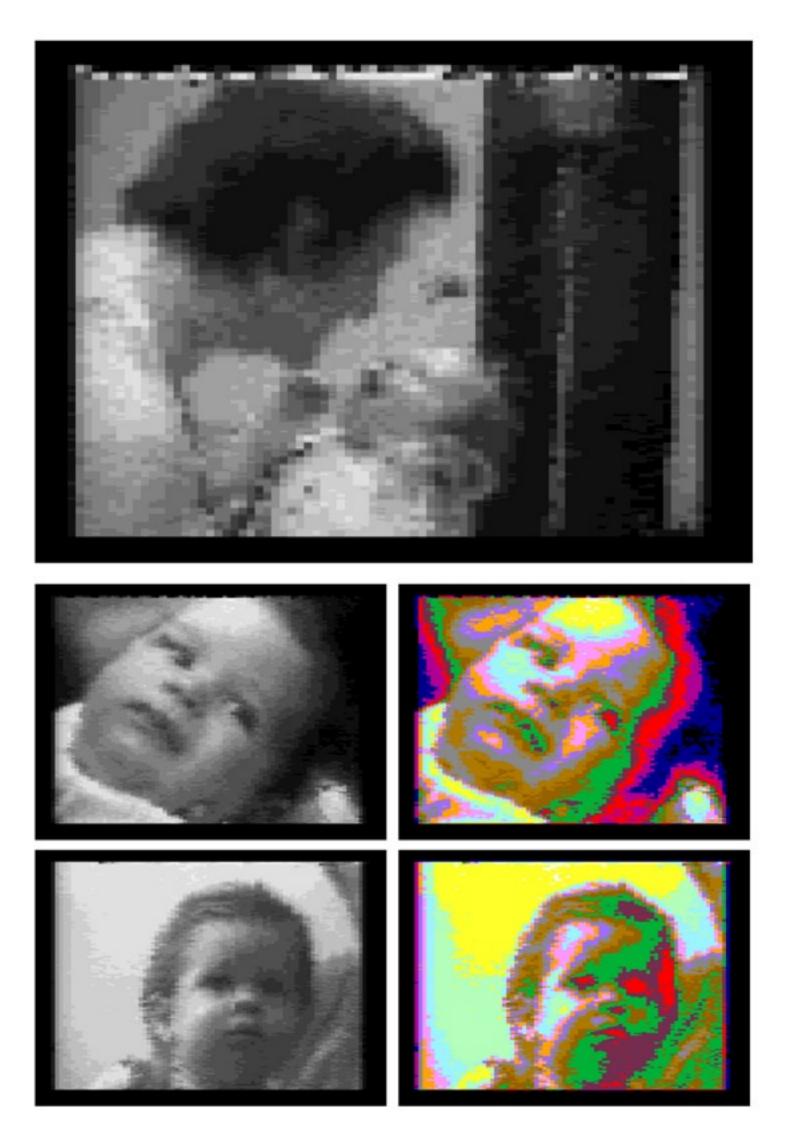














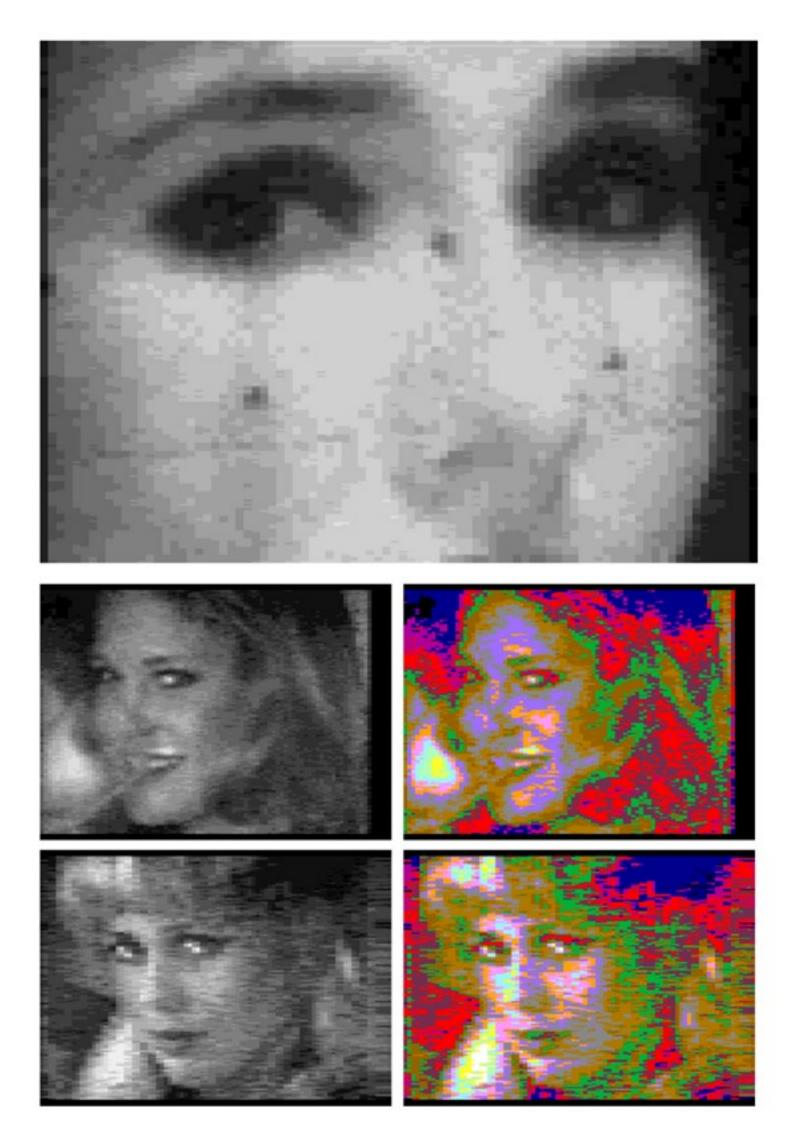








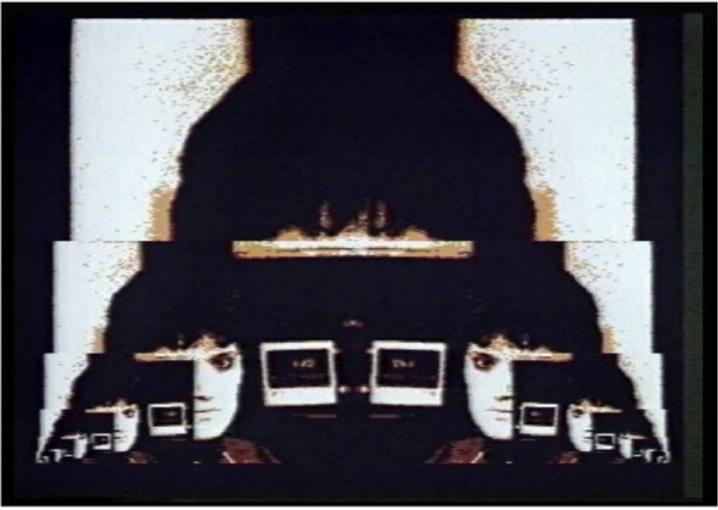






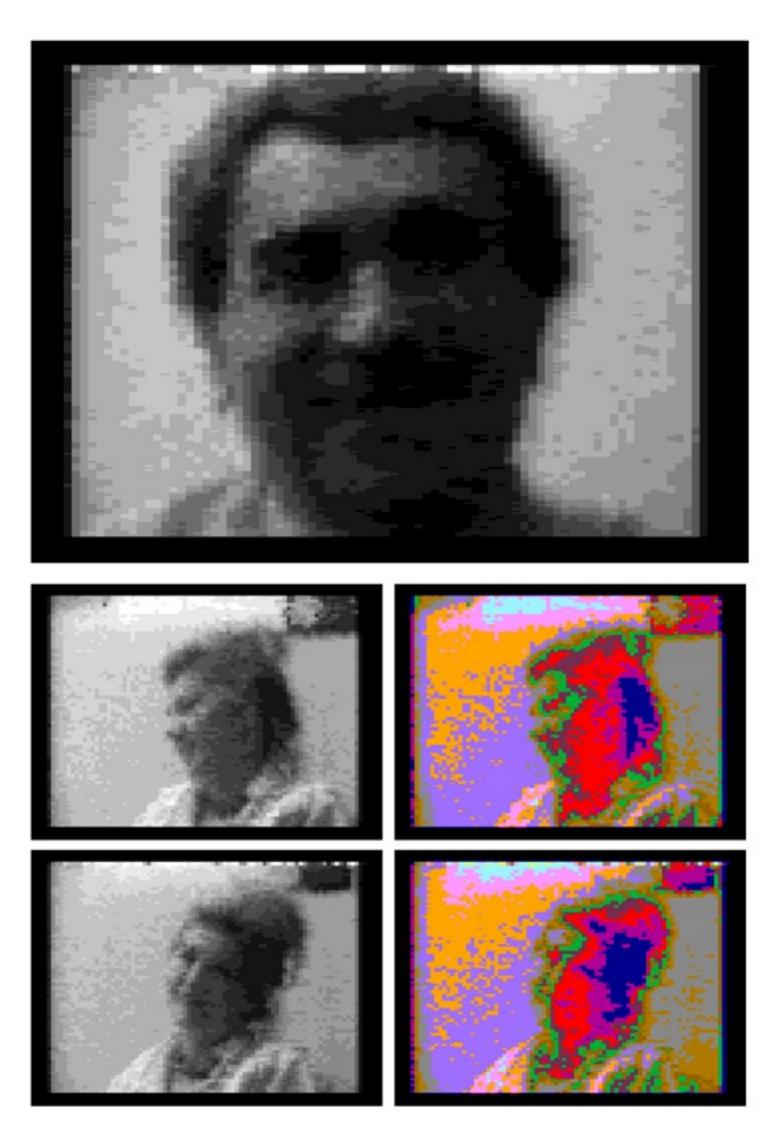


















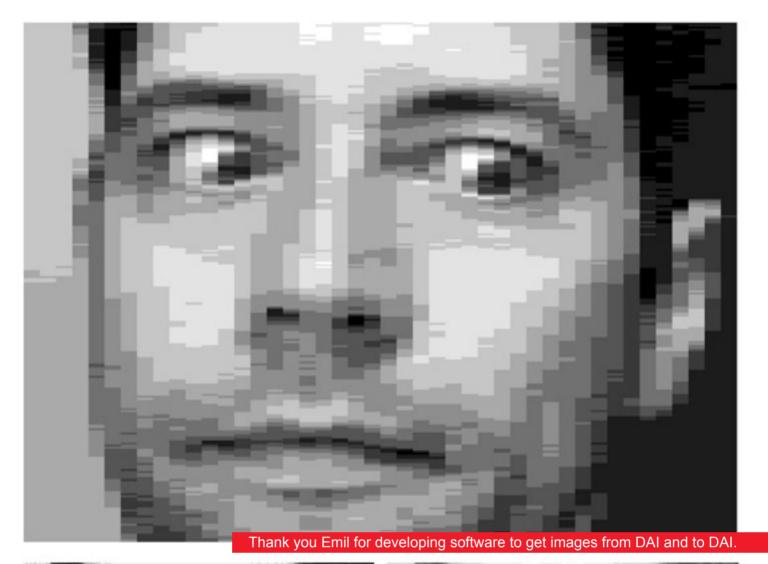








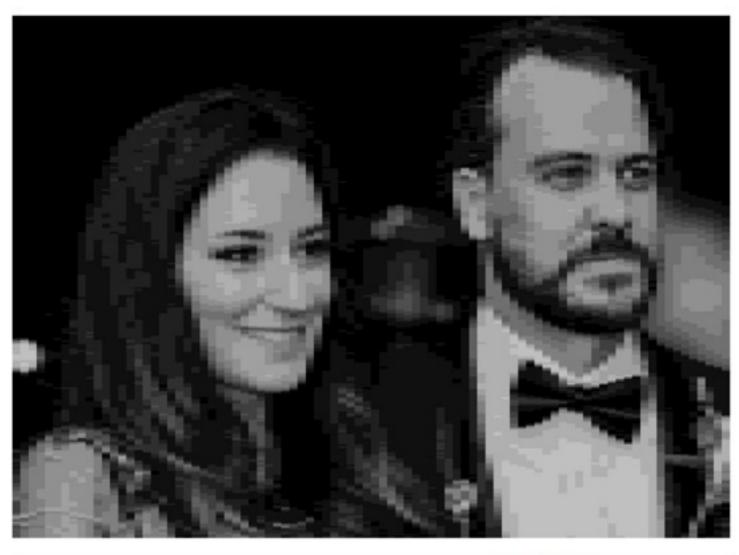






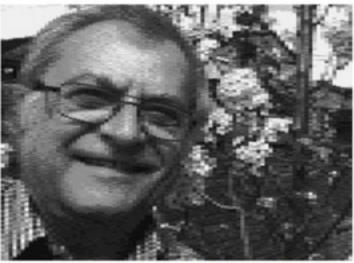


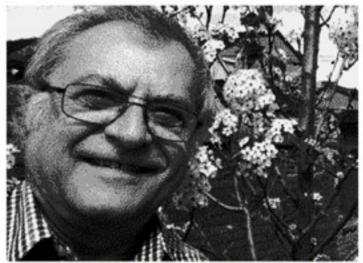




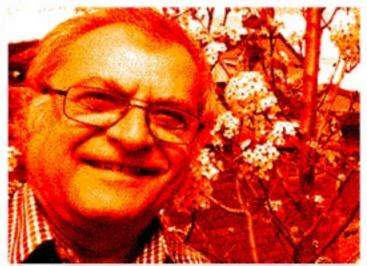








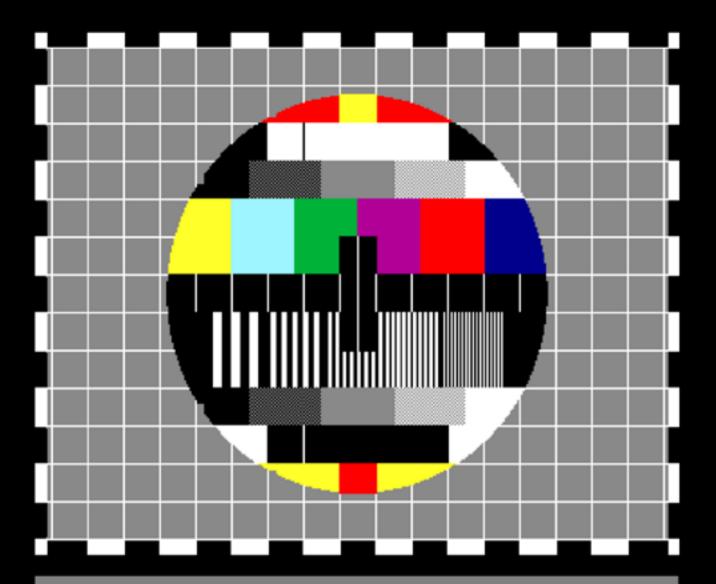






If you like this cartoonish selfie for DAI you may also wish to see my photo impersonations: https://www.tomislavmikulic.com/PDF/impersonations.pdf





I am not the author of these two images. I merely typed the code from DAInamic magazines.

