Colorization + Sim Swap + GFPGAN

Pipeline

Target and reference images

Reference

Krylov Sergey Sergeevich, Dean of faculty "Computer science and applied mathematics' at MAI

Target

Bartel Leendert van der Waerden (1903-1996), Dutch mathematician.
Photo taken in 1930.

Target image colorization

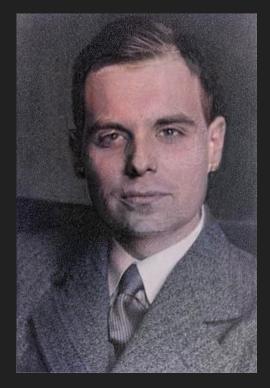
Before

After

Used project: *DeOldify*

Face swapping

Before

After

Used project: _Sim Swap_

* https://github.com/neuralchen/SimSwap

Processed image enhancement

Before

After

Used project: *GFPGAN*

* https://github.com/TencentARC/GFPGAN

Result