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## A «Total variation» with curvature penalization.

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In this joint work with T. Pock (TU Graz) we propose a convex variant of the total variation which penalizes the curvature of the level lines, and is based on a Gauss map (lifting) of curves to represent curvature dependent energies as convex functionals. Applications to "image inpainting" are presented.

## **Summary**

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