

# Piecewise affine microstructures

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## **Abstract**

Over the last decade, the construction of (absolute) minimizers of non(semi)convex problems developed rapidly. Since the direct method fails here, various techniques for partial differential inclusions have to be used - usually giving highly oscillatory gradients of the lipschitz solutions.

We rather search for minimizers, whose gradient is almost everywhere locally constant, and give first examples of this kind for a three dimensional rotational invariant case.