



PROXIMAL POINT METHOD ON FINSLERIAN MANIFOLDS

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In this talk we consider minimization problems with constraints. We will show that if the set of constraints is a Finslerian manifold of non positive flag curvature, the objective function is differentiable and satisfies the Kurdyka-Lojasiewicz property, then the proximal point method is naturally extended to solve that class of problems. We will prove that the sequence generated by our method is well defined and converges to a minimizer point.

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