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On the convergence rate of Mann iteration in geodesic spaces with positive curvature.
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Summary: A convergence rate of Mann iteration has been studied by many mathematicians. Recently, its rate was improved in a Hilbert space. In this paper, we consider a convergence rate in a geodesic space and generalize the known result.

MSC:
47H09 Contraction-type mappings, nonexpansive mappings, A-proper mappings, etc.

Keywords:
fixed point; weak convergence; Mann type; geodesic space; nonexpansive mapping

Full Text: DOI

References:

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