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On the analytic theory of quasi-finitely generated Kleinian groups. III, IV. (Chinese. English summary) [Zbl 0789.30034](#)

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A Kleinian group Γ is said to be quasi-finitely generated if it can be represented by $\Gamma = \langle \gamma_1, \dots, \gamma_n, \Gamma(B) \rangle$, where $\Gamma(B)$ is the maximal annihilated subgroup. In this paper, the finiteness theorem of Ahlfors is generalized to the quasi-finitely generated Kleinian groups. Many other classical results of finitely generated Kleinian groups are also generalized, such as the area theorem, area inequalities and the estimations of cusps.

Reviewer: Li Zhong (Beijing)

MSC:

30F40 Kleinian groups (aspects of compact Riemann surfaces and uniformization)