



## INTISARI

### STRUKTUR KONVEKS PADA RUANG KUASI-METRIK- $T_0$

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Di dalam skripsi ini dibahas tentang struktur konveks pada ruang kuasi-metrik- $T_0$ . Konsep yang dibahas meliputi definisi ruang kuasi-metrik- $T_0$ , definisi struktur konveks pada kuasi-metrik- $T_0$ , dan ketunggalan struktur konveks pada ruang kuasi-metrik- $T_0$ . Selain itu, dibahas pula struktur konveks pada ruang bernorma asimetris, struktur konveks pada ruang kuasi-metrik- $T_0$  hiperkonveks- $q$ , serta koleksi himpunan konveks pada ruang kuasi-metrik- $T_0$  yang dilengkapi struktur konveks.



## ABSTRACT

### CONVEXITY STRUCTURES IN $T_0$ -QUASI-METRIC SPACES

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In this final project, we discuss about convexity structures in  $T_0$ -quasi-metric spaces. These discussions include the definition of  $T_0$ -quasi-metric spaces and convexity structures in  $T_0$ -quasi-metric spaces, and  $T_0$ -quasi-metric spaces with unique convexity structure. Furthermore, we also discuss about convexity structure in asymmetrically normed spaces, convexity structure in  $q$ -hyperconvex  $T_0$ -quasi-metric spaces, and collections of convex subsets in  $T_0$ -quasi-metric spaces with a convexity structure.