

## **On finite type minimal annuli.**

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### **Abstract:**

We present a theory of the deformation for conformal immersion of minimal annuli under the hypothesis that the space of bounded Jacobi fields is finite dimensional. This is the case of annulus which cover minimal torus in  $S^3$  and embedded annuli in  $S^2 \times \mathbb{R}$ . Using a Whitham deformation (which preserve geometric properties) we prove that space moduli are path-connected. This proof rigidity results in the theory.