## **Curt KENT**

## Homomorphisms on $\pi_1$ of Planar and One-dimensional Peano Continuum

Abstract. We will describe a necessary and sufficient condition for a homomorphism to be induced by a continuous map. Then we will show that every homomorphism of the fundamental groups of one-dimensional or planar Peano continuum is conjugate to a homomorphism which is induced by a continuous map.