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**Curvature Flow in Conformal Mapping**

CMFT 3 No.1 (2003), 325–347. [ISSN 1617-9447]

**Abstract.** We use a simple example to introduce a notion of *curvature flow* in the conformal mapping of polyhedral surfaces. The inquiry was motivated by experiments with *discrete* conformal maps in the sense of circle packing. We describe the classical theory behind these flows and demonstrate how to modify the Schwarz-Christoffel method to obtain classical numerical confirmation. We close with some additional examples.

**Keywords.** Circle packing, conformal mapping, curvature, Schwarz-Christoffel.

**2000 MSC.** Primary: 52C26, 30C30, 53A30; Secondary: 65D15, 37E35, 53A05.

**Received.** June 30, 2003.