δ Morphisms between tropical curves

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ABSTRACT. We introduce a morphism between tropical curves with some additional combinatorial data. We call this morphism a δ morphism. We show that this orphisms satisfy global Riemann-Hurwitz formula. We discuss a classification of such δ covering of a tropical curve, with a fixed degree and a fixed genus of the covering. If time permits, we'll discuss the connection to Berkovich curves and discuss lifting of a δ morphism between tropical curves to an analytic morphism between Berkovich curves.