

# Errata: The edit distance in graphs: methods, results and generalizations

Ryan R. Martin

Updated 30 May 2017

- **Thanks to Alex Neal-Riasanovsky.** Theorems 1 and 3 should be restricted to hereditary properties.

**Theorem 1 (Alon-Stav [7])** *Let  $\mathcal{H}$  be an arbitrary hereditary graph property. There exists  $p^* = p^*_{\mathcal{H}} \in [0, 1]$  such that*

$$\max \{ \text{dist}(G, \mathcal{H}) : |V(G)| = n \} = \mathbb{E}[\text{dist}(G(n, p^*), \mathcal{H})] + o(1).$$

**Theorem 2 (Balogh-M [16])** *Let  $\mathcal{H}$  be an arbitrary nontrivial hereditary graph property. Then*

$$\text{ed}_{\mathcal{H}}(p) = \lim_{n \rightarrow \infty} \mathbb{E}[\text{dist}(G(n, p), \mathcal{H})].$$

---

Ryan R. Martin  
Iowa State University, Ames, Iowa 50011-2064, e-mail: rymartin@iastate.edu