1161-05-223 Zdeněk Dvořák, Bernard Lidický* (lidicky@iastate.edu) and Luke Postle.

11/4-colorability of subcubic triangle-free graphs. Preliminary report.

We prove that every connected subcubic triangle-free graph except for two exceptional graphs on 14 vertices has fractional chromatic number at most 11/4. (Received August 17, 2020)