Subcubic triangle-free graphs
have fractional chromatic number at most 14/5

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We prove that every subcubic triangle-free graph has fractional chromatic number at most 14/5, thus confirming a conjecture of Heckman and Thomas [1].

References

[1] Ch.C. Heckman, R. Thomas, A new proof of the independence ratio of triangle-free cubic graphs, Discrete Math. 233 (2001), 233–237.