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Zach Teitler* (zzeitler@selu.edu), Department of Mathematics, SLU 10687, Hammond, LA 70402. *Multiplier ideals of hyperplane arrangements.*

Recently, Mustața used jet schemes to compute the multiplier ideals of reduced hyperplane arrangements. We give an alternate proof using a log resolution, which is simpler and allows us to consider non-reduced arrangements. By applying the idea of wonderful models introduced by De Concini–Procesi, we also simplify the result. (Received January 09, 2007)